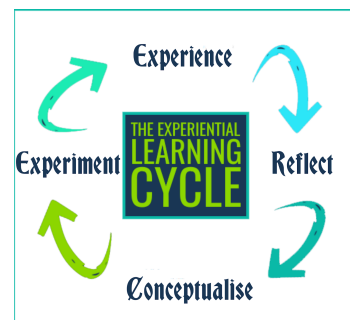




G.D. GOENKA PUBLIC SCHOOL MODEL TOWN

Session 2018-19

Class XII - Holidays Homework **Experiential Research**



Success, is the sum of small efforts, repeated day in and day out!! It's your chance today to give your best and to make a difference between the Ordinary and the Extraordinary with that little EXTRA.

Overview

Experiential learning is the process of learning through experience, and is more specifically defined as "learning through reflection on doing". It is a form of Hands-On Learning but involves students reflecting on their outcome.

Goals

1. **Experience real world:** For example, students who major in Chemistry may have chances to interact with the chemical environment.
2. **Opportunities for creativity:** There is always more than one solution for a problem in the real world. Students will have a better chance to learn that lesson when they get to interact with real life experiences.

General Guidelines :

1. **Keep your work authentic by avoiding plagiarism.**
2. **The work is Research Based or Project Based that will give you an advantage of Hands-On Learning.**
3. **The Submission date is 02-07-2018, as the school reopens.**
4. **Follow the subject specific Guidelines.**

1. English

Theme : Creativity is Intelligence having Fun

“The Holiday Season is the perfect time to reflect on our blessings and seek our ways to make life better for those around us.”

Y g'y cpv{ qw'vq'b cng'{ qwt 'j qrf c{ u'xq{ ci gu'qhf kexqgt { 'epf 't kwerdqhf gcuwt cpeg0Y g'y cpv{ qw'vq'gplq{ " { qwt 'xcec vkp'epf 'eqo g'dcent glwxgpcvgf 'epf 't ght guj gf 0Cv'vj g'uco g'vlo g'y g'y cpv{ qw'vq't go clp'lp'vqwej " y kj '{ qwt 'tej qqréwt tlewnwo 'epf 'hqt 'vj ku'y g'j cxg'f guli pgf 'ep'lpvgt gwlp' 'epf 'gptlej lpi 'J qrf c{ 'J qo gy qt n0' J gt g'ku'ep'qr r qt wplk{ 'vq'dg'vt wqf 'ét gc vkg'epf 'igv{ qwt 'vj qwi j w't wp'c't ceg'y kj '{ qwt 'f gp/'lww'gzr t gu' { qwt ugr0' "

'30E qo r kg'c'S wguvkqp'Dc pniy kj "cv'rgcu'32's wguvkqpu"ht qo "gcej "qh'vj g'rguuqpu'f qpg'uq'ht0 qw'ecp'i q'vj tqwi j " uco r rg'r cr gtu'cpf "cniq'dtqy ug" f hgt gp'v'ukgu'ht'vj g'uco g0

2. Read the lessons given in your syllabus. Choose the thematic content of **any two lessons** and express your views as you please -in the form of an **Article, Speech or Letter**. For instance if you choose the lesson 'Lost Spring', you can voice your opinion on Child Labour.

3. Design a Poster on any **two** of the following topics:

- a) Safe Holi, free from chemical colours, liquor and vulgarity.
- b) Awareness about Earthquakes
- c) Cyber Safety
- d) Importance of Reading

4. Read the Classified Columns of any newspaper for different kinds of Advertisements .Cut out at least **Five** advertisements each for the headings given below and paste them.

For Sale-Property,Vehicle,Household Goods

Situation Vacant

Matrimonial

5. Reading is a discount ticket to everywhere. Reading is to the mind, what exercise is to the body.

'Mggr lpi 'vj ku'lp'o kpf 'EDUG'j cu'kpenmf gf "'Gz vgpf gf "T gcf lpi "Vgzv"Ugevkqp'lp'vj g'Dqctf 'Gzco kpcvkqp0Vj g'pqxgn' -Vj g'kpxkukdg'O cp0j cu'dggp'lpvqf wegf "'hqt"'{ qw'uwf gpw"vq'f gxgnqr 'c'j cdk'qh't gcf lpi 'cpf "gpj cpeg" { qwt 't gcuqplpi " unkm0Uq'r leniwr 'vj g'pqxgn'cpf 't gcf 'kv'j qtqwi j n' 'y kj 'r tqr gt'w'pf gtuwcpf lpi 'qh'vj g'r mv'ej ctcevgtu.'uwo o ct { 'cpf 'vj g' vj go g'qh'vj g'pqxgr0'

""""Kf{ qw'cniq'j cf 'vj g'r qy gt 'vq'dg'kpxkukdg'ht 'qpg'f c{ 'b gpvkqp'vj g'vj lpi u' { qw'y qwf 'j cxg'f qpg'*y qtf " n0 kw347/372'y qtf u0I kkg'vj g'v'kng'0KfKy gt g'kpxkukdg'ht 'c'F c{ í í í í ö""

Pqvg<E qo r rvgv'J qo gy qt n0b wu'dg'f qpg'qp'C6'uk' g'lj ggw'epf 'eqo r kgf 0'

""80'T g'xkg'vj g'bf ncdwuf qpg'vq'ht 0'

2. Mathematics

"Everything that can be counted does not necessarily count; everything that counts cannot necessarily be counted." – Albert Einstein

, , Hqmty 'vj g'fpmicpf 'Ego r rgyv'vj g'Cuki po gpv0'

[j wr u1f t k g f q q i r g e q o k r g p A k ? 3 T d O Q { W P y j E z l 9 C \[: m W E T 6 D D H a y X c G j "](#)

"

3. Physics

Theme : Assignment, Investigatory project and Science Model

- A. As per C.B.S.E guidelines prepare an investigatory project on any topic of your choice. Complete research and data collection must be done for the topic selected. The project must include:
- 1) Cover page (consisting of name, class and roll number)
 - 2) Certificate
 - 3) Acknowledgment
 - 4) Aim
 - 5) Introduction
 - 6) Apparatus used/ sources used
 - 7) Scientific principle involved, theory involved
 - 8) Working
 - 9) Precautions
 - 10) Conclusion
 - 11) Bibliography
- B. Complete the given assignment in respective notebooks. (Follow the link given below)
<https://www.slideshare.net/anupamnarang3/class-12-hhw-assignment-97051523>

"

4. Biology

Theme : Assignment, Investigatory project

C0 Y QTMUJ GGV/GEQU UVGO "

S 30 qy 'ku'f gtwku'f geqo r qugf 'u'gr 'd{ 'u'gr 'd{ 'f khtg'p'ci gpw'cpf 'o cf g'cxckrdng'cu'pwtk'pwa'v'j g'r r'pwa'Gzr r'kp0

S 4'k'Gzr r'kp'r tko ct { 'r tqf wv'xk' { 'cpf 'y' g'hcev'qtu'v'j cv'k'p'hw'p'eg'k'0

ka'F guet'kd'g'j qy 'f'q'qz { i gp'cpf 'ej go k'ec'ne'qo r qu'k'k'q'p'q'h'f g'v'k'w'u'eq'p't'q'n'f geqo r qu'k'k'q'p'A'

S 50k'Y j cv'ku'cp'geq'qi k'ec'n'r { tco k'f A "

*****k'k'E'qo r ct'g'y' g'r { tco k'f u'q'h'g'p'gti { .dk'qo cu'u'cpf 'p'wo d'gt0 "

*****k'k'Y t'kg'cp { 'y' q'k'o k'c'v'k'p'u'q'h'geq'qi k'ec'n'r { tco k'f u'A'

S 60k'F k'htg'p'v'c'v'g'd'g'w' g'g'p'r tko ct { 'cpf 'u'ge'q'p'f ct { 'geq'qi k'ec'n'u'we'eg'u'k'p'u'0

*****k'k'Gzr r'kp'y' g'f k'htg'p'v'u'gr u'q'h'z'gt'c'tej 'u'we'eg'u'k'p'q'ee'w't't'k'p'i 'k'p'p'c'w't'g'0

S 70k'Y k'j 'u'w'k'c'd'ng'g'z'c'o r ng'u'.g'z'r r'kp'y' g'g'p'gti { 'h'ny 'y' t'q'w' j 'f k'htg'p'v't'q'r j k'e'ng'x'g'u'0Y j cv'f q'gu'g'cej 'd'ct'k'p'*****y' k'u' r { tco k'f 't'g'r t'g'g'p'v'A "

*****k'k'Y t'kg'cp { 'y' q'k'o k'c'v'k'p'u'q'h'geq'qi k'ec'n'r { tco k'f u'0 "

*****k'k'F k'ue'w'u'y' g't'q'ng'q'h'j' g'cm'j { 'ge'qu { u'v'go 'u'g't'x'k'eg'u'cu'c'r' t'g't'g's w'k'k'g'h'q't'c'y' k'f g't'c'p'i g'q'h'ge'q'p'q'o k'e.g'p'x'k'q'p'o g'p'v'c'n' cpf 'c'g'u'y' g'v'e'i q'q'f u'cpf 'u'g't'x'k'eg'u'0

S 80k'U'c'v'g'cp { 'y' q'f k'htg'p'eg'u'd'g'w' g'g'p'r j q'ur j q't'q'w'u' ('e'c't'd'q'p'e { e'ng'k'p'p'c'w't'g'"

*****k'k'O'Y t'kg'y' g'k'o r q't'v'p'eg'q'h'r' j q'ur j q't'w'u'k'p'r'k'k'p'i 'q't'i c'p'k'u'o u'0

S 90Gzr r'kp'y' g'e'c't'd'q'p'e { e'ng'y' k'j 'y' g'j' g'r 'q'h'c'ulo r k'h'k'f 'o q'f g'r'0

S: O'Y j cv'f q'gu'y' g'v'g'to 'u'c'p'f k'p'i 'u'c'v'g'q'h'u'q'k'i'k'i p'k'h' { 'A'J qy 'c't'g'y' g'p'w't'k'p'w'u't'g'e { e'ng'f 'k'p'y' g'ge'qu { u'v'go 'A'Y t'kg'c'" e { e'k'e'co q'w'p'v'q'h'e'c't'd'q'p'o q'x'g'o g'p'v'k'p'p'c'w't'g'0

D0 Cu'f gt 'E'0DUG'i w'f g'p'g'u'r' t'g'r ct g'c'p'k'p'x'g'u'k'i c'v'q't { 'r' t'q'l'g'ev'q'p'c'p' { 'v'q'r k'e'q'h' { q'w't 'e'j q'k'eg'0E'q'o r i'g'v'g'" t'g'ug'c't'ej 'c'p'f 'f'c'v'c' 'e'q'ng'ev'k'p'b' w'u'v'd'g'f' q'p'g'h'q't' 'y' g'v'q'r k'e' 'u'g'ng'ev'g'f 0V'j g'r' t'q'l'g'ev'b' w'u'v'k'p'em'f g'<'

3+" Eqxgt'r ci g' "eq'p'uk'k'p'i 'q'h'p'co g.'enc'u'cpf 't'q'm'p'wo d'gt+'

4+" Egt'w'h'ec'v'g'"

5+" Cemp'qy ng'f i o gp'v'

6+" Cko "

7+" K'p't'q'f w'v'k'q'p'"

8+" C'r r'c't'c'w'u'w'ug'f l'u'q'w't'eg'u'w'ug'f "

*xk+r j gp { m gj { n'gy gt'tgcew'y kj 'J K'v'i kxg'r j gpqn'cpf 'o gj { n'kqf kf g'cpf 'pqv'kqf qdgp| gpg'cpf 'o gj { n'craej qn'qzr r'kp'd { " i k'kpi "gzco r ng"

*xkk+y j lej 'ku'utqpi gt'cekf 'r j gpqn'qt "etguqnuAgzr r'kp"

*xkk+r /pktqr j gpqn'ku'o qtg'cekf le'y cp'q/pktqr j gpqn'

S 5'I kxg'qpg'v'guv'v'f'k'kpi w'kuj "dgvy ggp'y j g'hqmqy kpi "

*k+r j gpqn'cpf 'o gj cpqn' *kk+3/r tqr cpqn'cpf '4/o gj { n'4/r tqr cpqn' *kk'o gj cpqn'cpf 'gy cpqn' *kx+'gy cpqn'cpf '3/r tqr cpqn'

S /6'y tkg'tgcew'qpu 'utwewtgu'cpf 'KWRCE'pco gu'qh'C.D.E' t'pf 'F "

C'tgcew'y kj 'EJ 5O i Dt'tgcew'lp'y g'r'tgugpeg'qh'y cvgt'v'q'i kxg'EJ 5/EJ 4/EJ *QJ +EJ 5'y j lej 'tgcew'y kj 'eqpe'J 4UQ6'v'q'i kxg'D0 D'tgcew'y kj 'Dt4'v'q'i kxg'E'OE'tgcew'y kj 'MQJ 'v'q'i kxg'F "

"S /7'j qy 'y j g'hqmqy kpi "eqpxgtuk'qpu'ecp'dg'ecttkgf "qwaA"

- *k+ "Gy cpqn'v'gy cpq"
- *kk+ "Rj gpqn'v'ucnle { nle'cekf "
- *kk+ "Rtqr gpg'v'q'3/r tqr cpqn'
- *kx+ "Rtqr cpqpg'v'q'4/o gj { n' tqr cp/4/qn'
- *x+ "Rtqr cp/4/qn'v'q'4/o gj { n' tqr cp/4/qn' " "r j gpqn'v'r j gp { ngy cpqc'g"
- *xk+ "Gy { m ci pgukwo 'ej ntkf g'v'q'r tqr cp/3/qn'"
- *xkk+ "Rj gpqn'v'dgp| { n'craej qn'
- *xkk+ "Rj gpqn'v'o /dtqo qr j gpqn'
- *kz+ "Rj gpqn'v'cur t'kp"

S /8C'eqo r qwpf 'C'ku'qr v'ecm' 'cevkxg'v'p'o kf "qz'kf cvkqp".k'i kxgu'c'eqo r qwpf 'D'dw'qp'xki qtqwu'qz'kf cvkqp'i kxgu'cpqy j gt " eqo r qwpf 'E'OE'c'rupi 'y kj 'F'ku'c'nuq'hqto gf 'htqo 'D'd' { 'tgcew'q'p'y kj 'kqf kpg'cpf 'c'm'rk'f'gf weg'y j g'utwewtgu'C.D.E.F "

S /9Cp'qti cple'eqo r qwpf 'C'j c'kpi 'o qngew'ct'hqto w'r'E5J 8'qp'v'tgcvo gpv'y kj "cs w'g'q'w'u'w'r j w'le'cekf 'i kxgu'D'y j lej "qp" v'tgcvo gpv'y kj 'n'wecu'tgci gpv'i kxgu'E'Wj g'eqo r qwpf 'E'qp'v'tgcvo gpv'y kj "gy cpqr'le'MQJ 'i kxgu'd'c'eme'eqo r qwpf 'C'kf gp'v'h' { 'C.D.E"

S : 'Y tkg'y j g'o gej c'p'kuo "qh'y j g'hqmqy kpi "

*k+r tgr c'tcvkqp'qh'gy qz { gj cpq'htqo "gy cpqn'

*kk+cekf 'ec'v'c'ugf 'f'gj { f'tcvkqp'qh'cp'craej qn'htqo kpi "cm'gpg"

*kk+cekf 'ec'v'c'ugf 'j { f'tcvkqp'qh'cp'cm'gpg'htqo kpi "cp'craej qn'

*kx+'t'gcew'q'p'qh'p'gqr gpv'f' n'dtqo kf g'y kj "gy cpqn' "

E0 Cu'r gt'E'OU'G'i w'k'g'p'gu'r tgr ctg'cp'lp'x'g'w'ki cvqt { 'r t'ql'gev'qp'cp { 'v'qr le'qh' { qwt'ej q'leg'cu'f'kuew'ugf 'lp'enc'u'OU'v'j g'r t'ql'gev' o wu'v'p'ew'f' g'<

3- " Eqxgt'r ci g' *eqpuk'w'kpi "qh'p'co g.'enc'u'cpf 't'q'ni'p'wo dgt-"

Ko r q t v p v ' q w t p c o g p w u "

"

2. AAHPER PHYSICAL FITNESS TEST

Vj ku'vuv'kpenw gu'8'vuv'kgo u'cpf 'hqt'gcej 'vuv'kgo u'hqmjy kpi 'kpf kecvtu'j cxg'vq'dg'wugf <

Rwtr qug'qh'vj g'vuv'

Gs vkr o gpv'tgs vkt gf "

Rtqegf wt g"

Ueqtkpi "

"

B. Assignment'qhiEj cr vgt/: 1Rj { ukqmi { ('Ur qt wu'

Xgt { 'uj qt v'cpuy gt 's wguvqpu'

30''''''F ghkg'r j { ukqmi { 0'

40''''''F ghkg'gzgtekug'r j { ukqmi { 0'

50''''''Y j cv'f q" { qw'o gcp'd { "ectf kqxcuewrt "gpf wt cpegA"

60''''''F ghkg'ci gkpi 0'

70''''''Y j cv'f q" { qw'o gcp'd { "j { r gtvtqr j { "qh'vj g'o wuengA"

80''''''Y j { "f qgu'kpxqixgo gpv'kp'tgi wrt "gzgtekug'f gr { "vj g'qpugv'qh'hcvi wgA"

90''''''Y j cv'ku'xkcn'ecr cekv{ A"

Uj qt v'cpuy gt 's wguvqpu'

30''''''F kuewu'cdqw'cp { "hxg'r j { ukecn'f khtgpegu'dgy ggp'o crgu'('hgo crgu0'

40''''''F kuewu'r j { ukqmi kecn'hcevqtu'f gvgt o kpkpi "utgpi vj "cu'c'eqo r qp'gpv'qh'r j { ukecn'hkxpguu0'

50''''''F guetldg'vj g'r j { ukqmi kecn'hcevqtu'f gvgt o kpkpi "ur ggf 0'

60''''''F kuewu'r j { ukqmi kecn'hcevqtu'f gvgt o kpkpi "hngz kdkk { o'cu'c'eqo r qp'gpv'qh'r j { ukecn'hkxpguu0'

Nqpi 'cpuy gt 's wguvqpu'

30' Rgthqto kpi 'r j { ukecn'cev'kkgu'hqt"nqpi gt 'f wtcvqp'dtkpi u'f guktcdng'ej cpi gu'kp'ektewrcvt { "u{ uvg o 0Lwvkh { " { qvt" cpuy gt0'

40''''''J qy 't gur kcvqt { "u{ uvg o "ku'cnngt gf "cu'c't guwn'qh'vtckpkpi A"

50''''''Y j cv'ctg'vj g'ghgeu'qh'gzgtekug'qp'o wuewrt'u{ uvg o AF kuewu'kp'f gvck0'

60*****Gzr rkp'vj g'rj { ukqmi kecn'hevqtu'f gygto kpkpi 'gpf wtcepg'kp'f gvcld'

70*****Rctvkr cvkqp'kp'rj { ulecn'cevkkv' hqt'iqpi gt'f wtcvkp'o clpvckpu'hkpguu'co qpi 'ci gf 'r qr wtcvkp'OLwukh' O'

80*****Gzr rkp'cp{ 'hkg'rj { ukqmi kecn'ej cpi gu'f wg'vq'ci kpi O'

"

8. Entrepreneurship

Complete Assignments.

Cover the topics completed in the class from the sample papers and board papers as discussed in the class notebook.

Cover the Business Plan and its Components from Unit II and make a Question Bank.

Update the "Market Survey" Project as prepared by you in class XI.

9. Legal Studies

Theme : Project & Assignment

I. PROJECT WORK:

An in-depth study of the appointment of judges to Supreme Court and High Courts in India.

The project should cover

- a. Introduction to Judiciary in India
- b. Hierarchy of Courts in India
- c. Constitutional Provisions for the appointment of Judges to the Supreme Court and High Courts.
- d. Collegium system for appointment of Judges

Restrict your study to about 30 pages.

II. **Revise** Unit 1 & 2 , along with the question bank provided for each chapter. Also prepare notes on Unit I & Unit II.

10. Accountancy

1 .Do all questions from Scanner in text book T.S GREWAL for chapters

1. Fundamentals
- 2.Change in PSR
- 3.Goodwill

4. Admission of partner

2..Students will prepare a Project File to record their work related to CASE STUDY them in the following format :

a. First page of the file should describe title of work, identity of student, school, and the teacher concerned.

b. Index to indicate columns for title of work, page no., date, teacher's remarks and signature.

c. The format for Project Work will be :

Statement of the problem/Name of the Project

Objectives

Period of Study

Source Material

Tools of Analysis used

Processing and Tabulation of data

Diagrammatic/graphic presentation- pie-diagrams, bar diagrams and graphs.

Derivations, Interpretation and Conclusion.

Assumptions (if any)

Project File should be neatly handwritten and presentable with page numbers. Each step of the solution needs to be highlighted. Conclusions drawn should be placed in boxes at the end.

Evaluation

While evaluating the Project File, marks are to be awarded, based on :

Content

Coverage

Presentation

Interpretation and Conclusion.

Originality and Quality of work.

11. Business Studies

1.Complete all the assignments from the chapters:

(a)Consumer Protection

(b)Nature and Significance of Management

© Principles of Management

2. Prepare Project work for Class XII as discussed (details mentioned in the link below)

<https://drive.google.com/file/d/17CPi2ncwigGfdqkVqDr9xztT9eAhQH89/view>

12. Economics

Theme : ECONOMICS PROJECT WORK

FHÈ PROJECT – ANALYSE ANY CONCEPT FROM THE SYLLABUS The purpose of this project is to – 1. Develop interest of the students in the concepts of Economic theory and application of the concept to the real life situations. 2. Provide opportunity to the learners to develop economic reasoning vis-a-vis to the given concept from the syllabus. 3. Enable the students to understand abstract ideas, exercise the power of thinking and to develop his/her own perception 4. To develop the understanding that there can be more than one view on any economic issue and to develop the skill to argue logically with reasoning 5. Compare the efficacy of economic policies in real world situations 6. To expose the student to the rigour of the discipline of economics in a systematic way 7. Impact of Economic Theory/ Principles and concepts on the lives of common people

FI ÈSUGGESTIVE TOPICS - Price Determination Price Discrimination Opportunity Cost Production Possibility Curve Demand and its determinants Supply and its determinants Production – Returns to a Factor Cost function and Cost Curves Monopoly Oligopoly Monopolistic Competition Credit Creation Money Multiplier Central Bank and its functions Government Budget & its Components Budget deficit Exchange Rate Systems Foreign Exchange Markets Balance of payments Any other topic

FÍ ÈSCOPE OF PROJECT – STUDENTS WORK – [P II] Following essentials are required to be fulfilled in the project. Explanation of the concept: 1. Meaning and Definition 2. Application of the concept 3. Diagrammatic Explanation (if any) 4. Numerical Explanation related to the concept etc. (if any) 5. Students' own views/perception/ opinion and learning from the topic

FÎ ÈMARKING SCHEME – [P II] Marks are suggested to be given as – Mode of Presentation and Submission of the Project: At the end of the stipulated term, each student will present the work in the Project File (with viva) to the external examiner. SR. NO. HEADING MARKS 1. RELEVANCE OF TOPIC 3 2. KNOWLEDGE CONTENT/ RESEARCH WORK 6 3. PRESENTATION TECHNIQUE 3 4. VIVA 8 TOTAL 20

17. Informatics Practices

Theme : Building Assignment File for End Year Submission.

Class XII- Informatics Practices/ PRACTICAL – ASSIGNMENTS

Experiment 1:

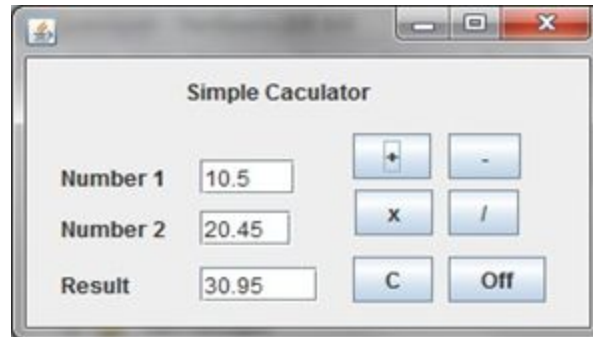
Objective:

Understanding and use of variables of float and other data types.

Task:

Develop a simple Calculator application as per given screen snapshot, to implement +, -, x

and / operations. The text boxes get cleared when 'C' button is clicked.



Experiment 2:

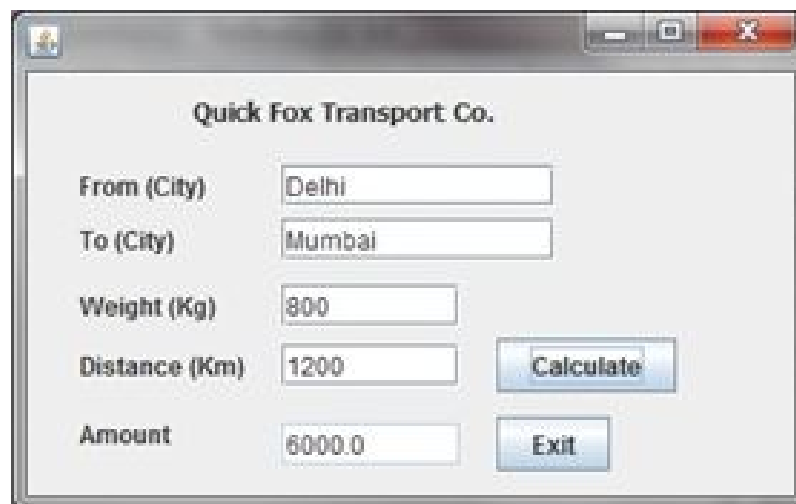
Objective:

Understanding and use of Nested conditions in the Real life applications.

Task: A Quick Fox Transport Co. wants to develop an application for calculating amount based on distance and weight of goods.

The charges (Amount) to be calculated as per rates given below.

Distance	Weight	Charges per Km.
≥500 Km	≥100 kg.	Rs. 5/-
	≥10 and ≤100 kg.	Rs. 6/-
	< 10 kg.	Rs. 7/-
<500 Km	≥100 Kg.	Rs.8/-
	<100 Kg.	Rs.5/-



Experiment 3:

Objective:

Understanding and using the Radio Button in Real-life application to determine the

selection of choice and calculations accordingly.

Task : To calculate the total marks, percentage and grades on the basis of percentage.as given.

Percentage

>=90
>=80
>=70
>=60
>=50
>=40
<40

Grades

A+
A
B
C
D
E
F

Experiment 4:

Task: Develop a Billing application for Happy Shopping- A retail chain involved in sales of Readymade garments. The happy Shopping offers discount to its members holding Platinum, Gold and Silver card.

The 10% discount is given to Platinum card, 8% to Gold Card and 5% to Silver Card holders on sales amount.

Experiment No. 5:

Objective: Understanding and using the Radio Button in Real-life application to determine the selection of choices and calculations accordingly.

Task: The Entertainment Paradise- A theater in Delhi wants to develop a computerized Booking System. The proposed Interface is given below. The theater offers different types of seats. The Ticket rates are- Stalls- Rs. 625/-, Circle- Rs.750/-, Upper Class- Rs.850/- and Box- Rs.1000/-.

The screenshot shows a window titled "Theator Booking System". It contains the following elements:

- Seat Type:** Four radio buttons: Stalls, Circle (selected), Upper Class, and Box.
- Payment Mode:** Two radio buttons: Cash (selected) and Credit Card.
- Total Seats:** A text box containing the number "5".
- Total Amount:** A text box containing "3750.0".
- Discount:** A text box containing "375.0".
- Net Amount:** A text box containing "3375.0".
- Buttons:** "Calculate" and "Close" buttons.

A discount is given 10% of total amount if tickets are purchased on Cash. In case of credit card holders 5% discount is given.

Experiment No. 6:

Task : To check whether the given user id and password is correct or not.

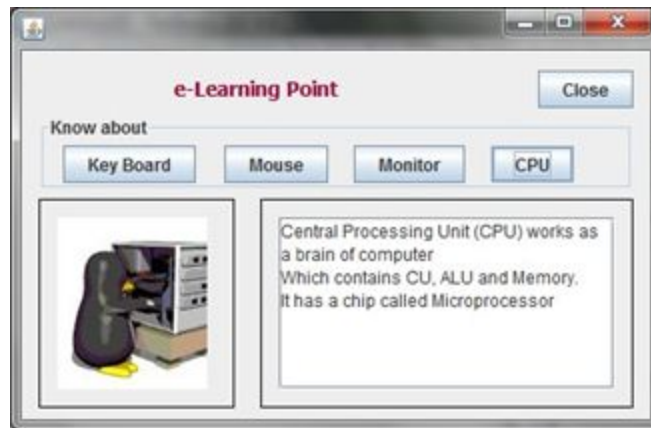
The screenshot shows two windows:

- Login Window:** Contains a "Login" title, "User ID:" field with "shyam", "Password:" field with masked characters, and "Login" and "Cancel" buttons.
- Message Dialog:** Contains an information icon, the text "You have logged successfully", and an "OK" button.

Experiment No. 7:

Objective : Displaying images on a Label and Text Area control.

Task: Develop an e-Learning application with images & text information as per given screen Shot.



Experiment No. 8 :

Objective : Understanding and use of Nested loops and Text Area control.

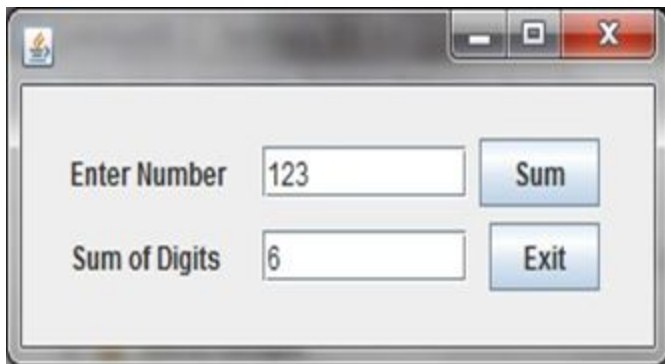
Task: Develop a Java application to print a Pattern for given character and steps, as per given screen shot.



Experiment No. 9 :

Objective: Understanding the use of loops and mathematical operations.

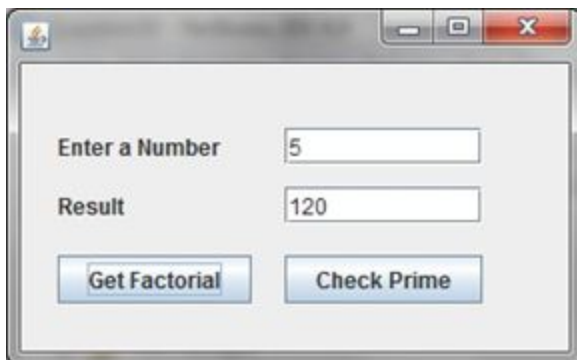
Task: Develop an application to compute the sum of digits for given number.



Experiment No. 10:

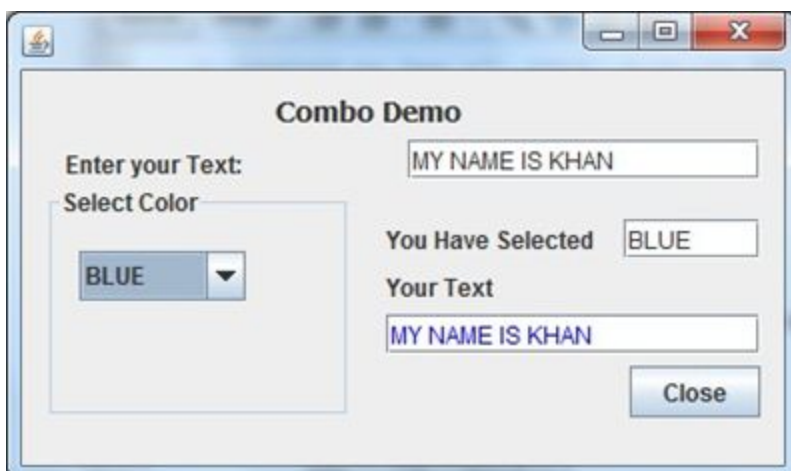
Objective: Understanding the use of User-defined methods in the application.

Task: Develop an application to compute the Factorial and Checking Prime for a given number, using custom methods. A method named factorial() and CheckPrime() along with suitable parameters are called when Get Factorial and Check Prime button is pressed respectively.



Experiment No. 11:

Objective: Demonstration of use of Combo Box through code.

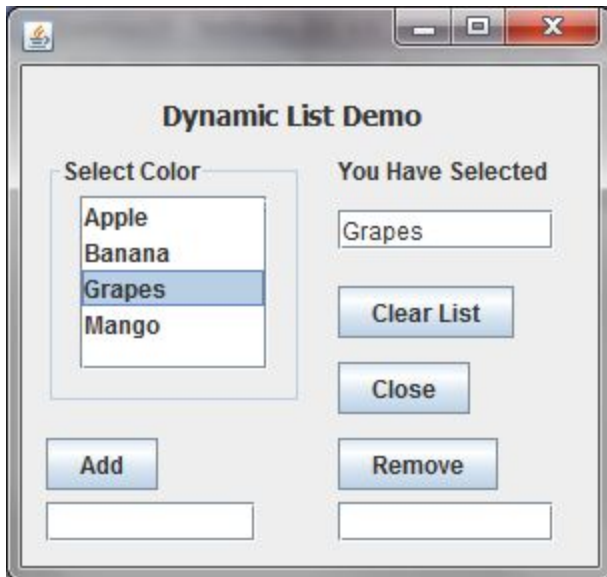


Experiment No. 12 :

Objective: Demonstration of use of List Dynamically through code.

Task: Develop an application as per given screen shot to Add , Remove the given members of list and display the selected item in a text field using List control.

Objective: Understanding the Web Form and use of different components to design an interactive form.



Q . Create and Perform the queries on the following Table EMP.

EmpID	EmpName	Designation	DOJ	Sal	comm	DeptID
8369	SMITH	CLERK	18-12-1990	1050.00	200.00	10
8499	ANYA	SALESMAN	20-02-1991	1600.00	300.00	20
8566	MAHADEVAN	MANAGER	02-04-1991	2985.00	NULL	30
8654	MOMIN	SALESMAN	28-09-1991	1250.00	400.00	20
8698	BINA	MANAGER	05-01-1991	2850.00	250.00	30
8882	SHIVANSH	MANAGER	09-06-1991	2450.00	NULL	10
8888	SCOTT	ANALYST	09-12-1992	3000.00	150.00	10

8839	AMIR	PRESIDENT	18-11-1991	5000.00	NULL	20
8844	KULDEEP	SALESMAN	08-04-1992	1500.00	0.00	30

1. Insert the first record in table emp.
2. Write a query to display EmpName and Sal of employees whose salary are greater than or equal to 2200
- 10 Write a query to display details of employees who are not getting commission.
- 11 Write a query to display employee name and salary of those employees who don't have their salary in range of 2500 to 4000.
- 12 Write a query to display the name of employee whose name contains "A" as third alphabet in Ascending order of employee names.
- 13 Display the sum of salary and commission of employees as "Total Incentive" who are getting commission
- 14 Show the average salary for all departments with more than 5 working people.
- 15 Display the distinct designation offered by the Organization.
- 16 List the count of Employees grouped by DeptID.
- 17 Display the names of employees who joined on or after 01/05/1991.
- 18 Display the employee records in order by DOJ.
- 19 Display the maximum salary of employees in each Department.
20. Update all the records as add 'Mr.' with EmpName.
21. Display the name of Employees who is working in SALES department
22. Drop the emp table.
23. Delete all the records who is working as "CLERK"
24. Show the minimum, maximum and average salary of Managers.
25. Increase the salary of managers by 15%.
26. To display the name of those employees whose location is Delhi.
27. To display total salary of employees of sales department.
28. To show details of employees who joined in the year 1991.
29. Delete all the records who is working as "SALESMAN" and salary more than 1500.
30. Set the commission as 100 who are not getting any commission.

18. Computer Science

Theme : Practical File and Project Report compilation

Practical File Questions

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A
 Do the question bank given below in your notebook after learning:

Ch 2 Demographic Structure of Indian Society

2 MARKS QUESTIONS

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- I E Y @ A A e a a * A ^ } ^ } a ^ } & A e a A e a [i & A A A } [{ a A i | , c o e a a A i | .] ^ i a e N A
- I E Y @ e s A o A e e . ^ A A e a a ^ . N A
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- I E A e a A o A } [i c a e & A A ^ { [* i a e @ A e a e A
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4 MARKS QUESTIONS

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6 MARKS QUESTIONS

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Ch 4 Market as a Social Institution

2 MARKS QUESTIONSÄÄ

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4 MARKS QUESTIONSÁ

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6 MARKS QUESTIONSÁ

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