College of Commerce, Science and Information Technology, Pimpri, Pune-18

Teaching-Learning Process

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools.

1. **Experiential learning**
   - Industrial Visit
   - Research
   - Role Play
   - Think and Code
   - Video Lecture

2. **Participative Learning will include**
   - Collaborative Learning
   - Seminars, Presentation
   - Hands on training in Computer Lab
   - Group Project
   - Charts
   - Video Presentation

3. **Problem Solving Methodologies**
   - Google Classroom
   - Case Study
   - Industry Collaborated Activity
   - Practical Sessions
   - Problem Based Teaching

4. **Other**
   - Solving Question Paper
   - Assignment,
   - Viva
   - Notes/PPT

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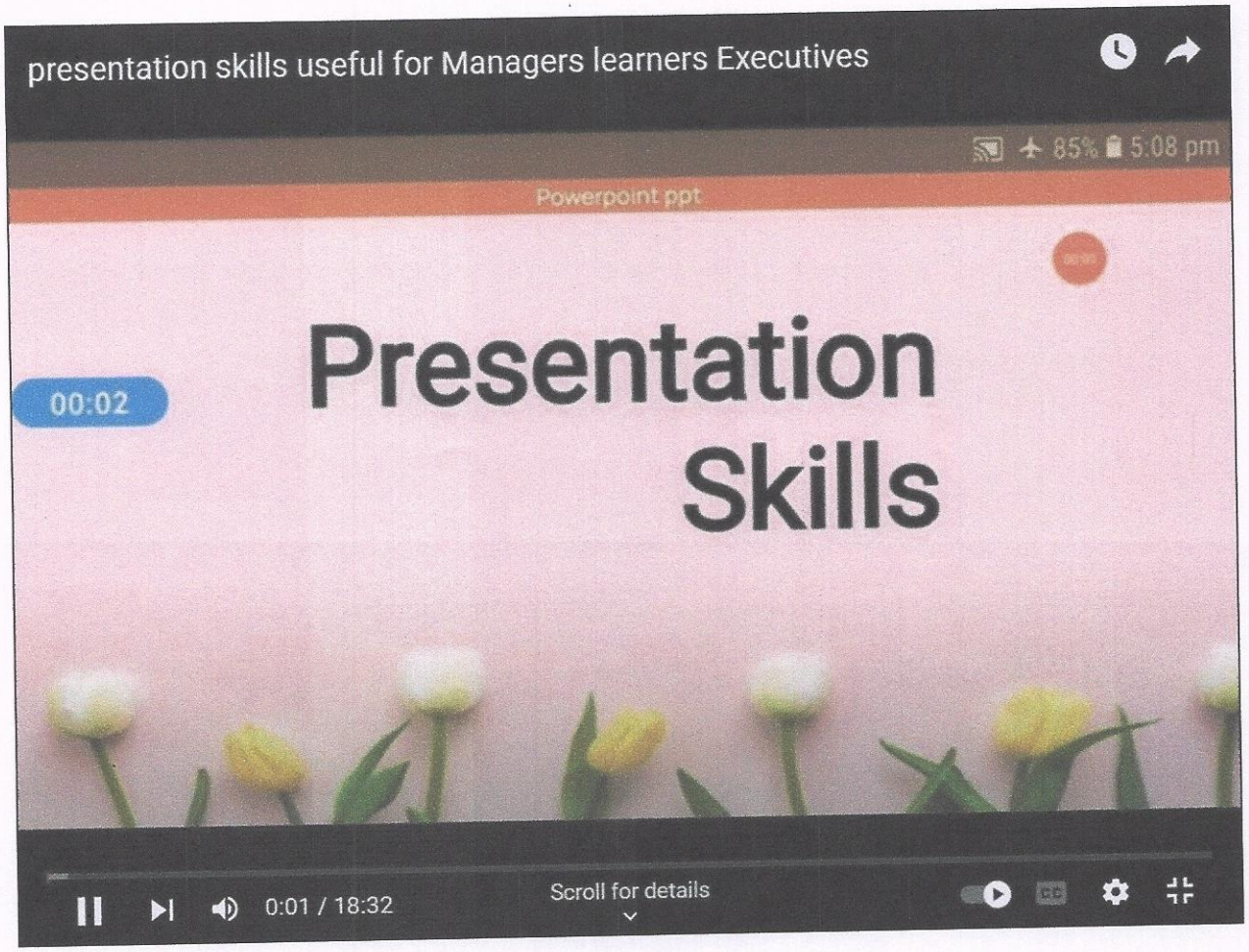
Experiential Learning

Name of the Department : Commerce
Name of the Teacher : Prof.Prerna Shinde
Teaching learning Methods used : Experiential Learning
Year : 2020-21

Semester	Class	Subject/ Topic	Experiential Learning	Participative Learning	Problem Solving Methodologies	Any other Teaching Method
I	BCom	Presentation skills useful tips for Managers learners students, Collegians	Video Lecture			



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Name of the Department : Commerce and Management
Name of the Teacher : Prof. Priyanka Gaikwad
Teaching learning Methods used : Experiential Learning
Year : 2021-22

Semester	Class	Subject/ Topic	Experiential Learning	Participative Learning	Problem Solving Methodologies	Any other Teaching Method
I	BBA	Business Organisation System	Role Play			

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Academic Year : 2021-22

Business Organisation And System

Role Play

No.	Member	Character	Department
1.	Sanchit Danwale	Chief Executive Officer (CEO)	Execution Department
2.	Aditya Kharat	Managing Director (MD)	
3.	Prithviraj Kumar	Vice President (VP)	
4.	Arti Kusalkar	Chief Operating officer (COO)	Operating Department
5.	Jyoti Dandage	Chief Technology Officer (CTO)	Tech/Programming Department
6.	Prathmesh Daphale	Chief Finance Officer (CFO)	Finance Department
7.	Sourav Bal	Chief Marketing Officer (CMO)	Marketing Department

- About Company :

•Company Name : Scale AI

•Segment : IT (Information Technology) &
AI (Artificial Intelligence)

•Business Model : B2B

•Market Cap : Mid Cap

•Services : Data Analytics , Software , Tech , Management.

- About Role Play :

•Content : Marketing Meeting (Process Improvement)

•Summary :
Concerned about the company's less authoritative client's, a meeting was organized by the CEO, Managing Director and Vice President to improve the marketing process.

In this, decisions are taken for digital marketing based on other companies' marketing strategies & results as well as Digital marlet marketing data analytics.

Puja Kumari
FY BBA

ORGANIC SKINCARE PRODUCTS

What is organic skincare?

Organic skincare products are made of natural ingredients without any chemical elements in them. The ingredients used in them are organically farmed and do not contain genetically modified materials, synthetic residues, or chemicals.

What type of business is this ?

B2C, or business to consumer, is the type of commerce transaction in which businesses sell products or services to consumers.

In the B2C markets, consumer behavior is the primary driver.

When you understand what customers want and how to motivate them to make a purchase, you'll have success. That drive is what built the B2C sector, but that means it's also one of the major challenges for any business entity working in B2C.

Identifying what customers want and deciding how to distinguish your products or services from those of other vendors are major interests for market research and R&D divisions in the 21st century.

27 June 2022

Shukla's Cusine

Prof. Priyanka Gaikwad

Sequence:

Phase -1 (anonymous letter)

Peon : (to manager) Good morning sir, i have got this letter from our letter box. It's for you.

Manager : Good morning. Keep the letter on my table and bring a cup of coffee for me.

Peon: okay sir

(Peon keeps the letter on manager's table)

(Then manager sits and reads the letter. He panics for some time and calls the owner)

Manager: (to the owner, on phone call) Hello mam this is Atharv, are u busy right now?

Owner: Hello , no not really...what happened?

Manager: actually mam I have recieved a letter from police department today. They have restricted us to close the indoor serving hoteling services untill tomorrow due to increase in COVID patience or else they will seal our hotel. I will send u the soft copy of the letter just check it out.

Owner - okay, i will check and call back

(Manager sends the soft copy of the letter to owner. Owner reads the letter and calls the manager)

Owner : (to manager) i have read the letter. I think we should call an urgent meeting with our subordinates right now.

Manager: sure mam, i will inform everyone about the meeting now itself.

(Manager calls the meeting)

End of phase-1

Atharv Bhandare
Aditya Gaikwad
Aditya Pingle
Abhay Patil
Pooja Seervi
Priya Choudhary
Soumya Shukla
Shubham Bhosale
Shubhadip Sonkalyan
Geet Saraf
Hariprasad Ugale

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Participative Learning

Name of the Department : Computer Science and Application
Name of the Teacher : Prof. Rushi Durge
Teaching learning Methods used : Participative Learning
Year : 2021-22

Semester	Class	Subject/ Topic	Experiential Learning	Participative Learning	Problem Solving Methodologies	Any other Teaching Method
I	FYMSc(cs)	Database Technology		Seminars, Presentation		

ASM's

College of Commerce Science & Information Technology

Pimpri, Pune-18

Department Of Computer Science

2021-2022

NOTICE

Date : 07/12/2021

It is hereby informed to all the students of MSc(Computer Science) SEM-I that credit activity for Database Technology will scheduled form date 27/12/2021. Activity based on Emerging trends in IT presentation time at 10-11 am allocation time slot 4-6 minute. Attendance is compulsory.

P.Goyal

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H.O.D.

(Computer Science)

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ASM's

College of Commerce Science & Information Technology

Pimpri,Pune-18

Department Of Computer Science

2021-2022

Activity Scheduled

Date : 7/12/2021

Class:-MSc(Computer Science) SEM-I

Subject: - DataBase Technology

Activity: - Participated Learning "Presentation on Emerging trends in IT **".**

Date	Day	Roll No.
11/12/2021	Saturday	1-20
13/12/2021	Monday	21-40
14/12/2021	Tuesday	41-57

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Pune - 18.

ASM's

College of Commerce Science & Information Technology

Pimpri, Pune-18

Department Of Computer Science

2021-2022

REPORT

Staff Name: - Mr. Rushi Durge

Class: - MSc(Computer Science) SEM-I

Subject: - Data Base Technology

Date of Activity: - 27/12/2021 to 30/12/2021

Name of Activity: - "Presentation on Emerging trends in IT ".

Details of Activity:-

In this activity I have conducted Collaborative learning for topic selected by on A Participated learning. By doing this activity student gets knowledge of various Recent trend in IT Hadoop, Spark They collect information from various source and presented very formal manner, etc. Implementation and practical approached toward subject matter was very good.

Benefits of activity:-

1. **Improves Apache Hadoop architecture knowledge.**
2. **Learn open source tool**
3. **Students learn at their own space**
4. **It encourages students to think for business complexity.**

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Problem Solving Methodologies

Name of the Department : Computer Science and Application
Name of the Teacher : Prof.Sarika L. Shinde
Teaching learning Methods used : Problem Solving Methodologies
Year : 2020-21

Semester	Class	Subject/ Topic	Experiential Learning	Participative Learning	Problem Solving Methodologies	Any other Teaching Method
V	TYBBA(CA)	JAVA			Google Classroom	
I	FYMSc(CS)	Paradigms of Programming Languages (PPL)			Google Classroom	

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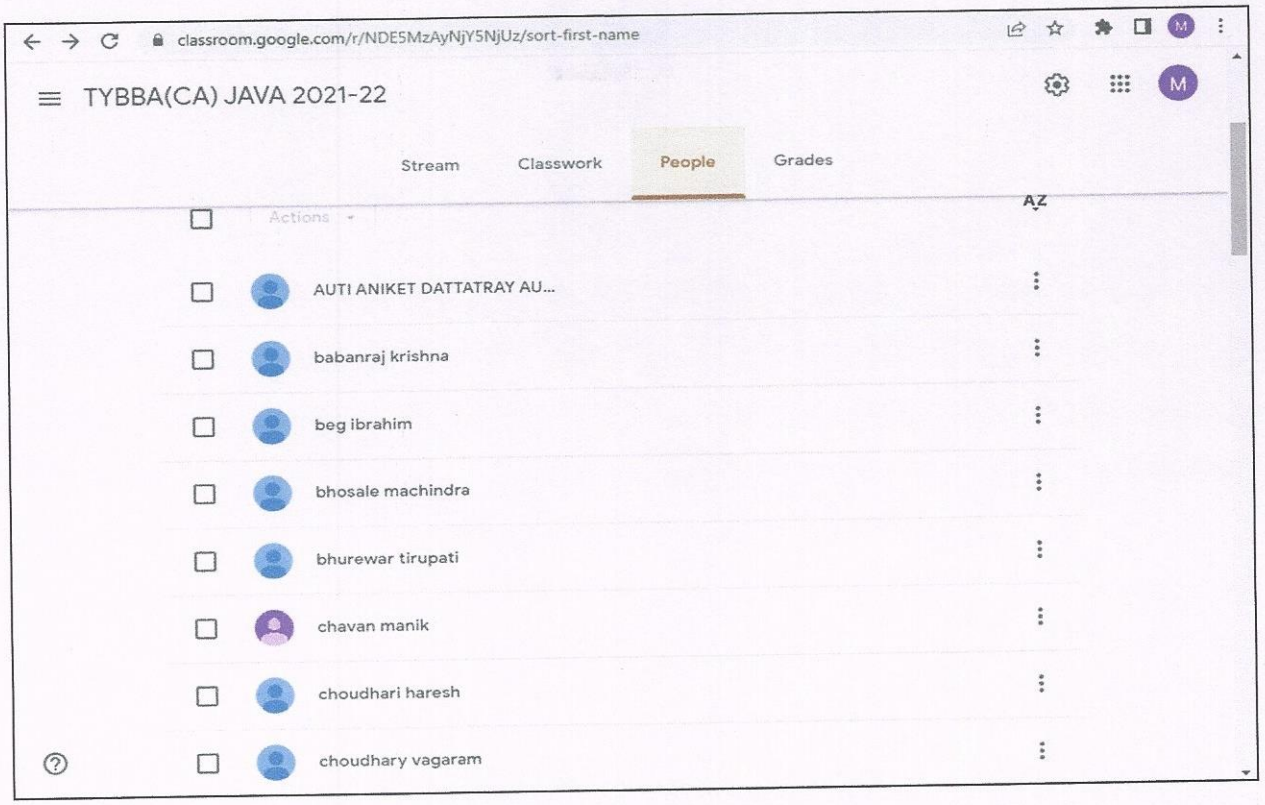
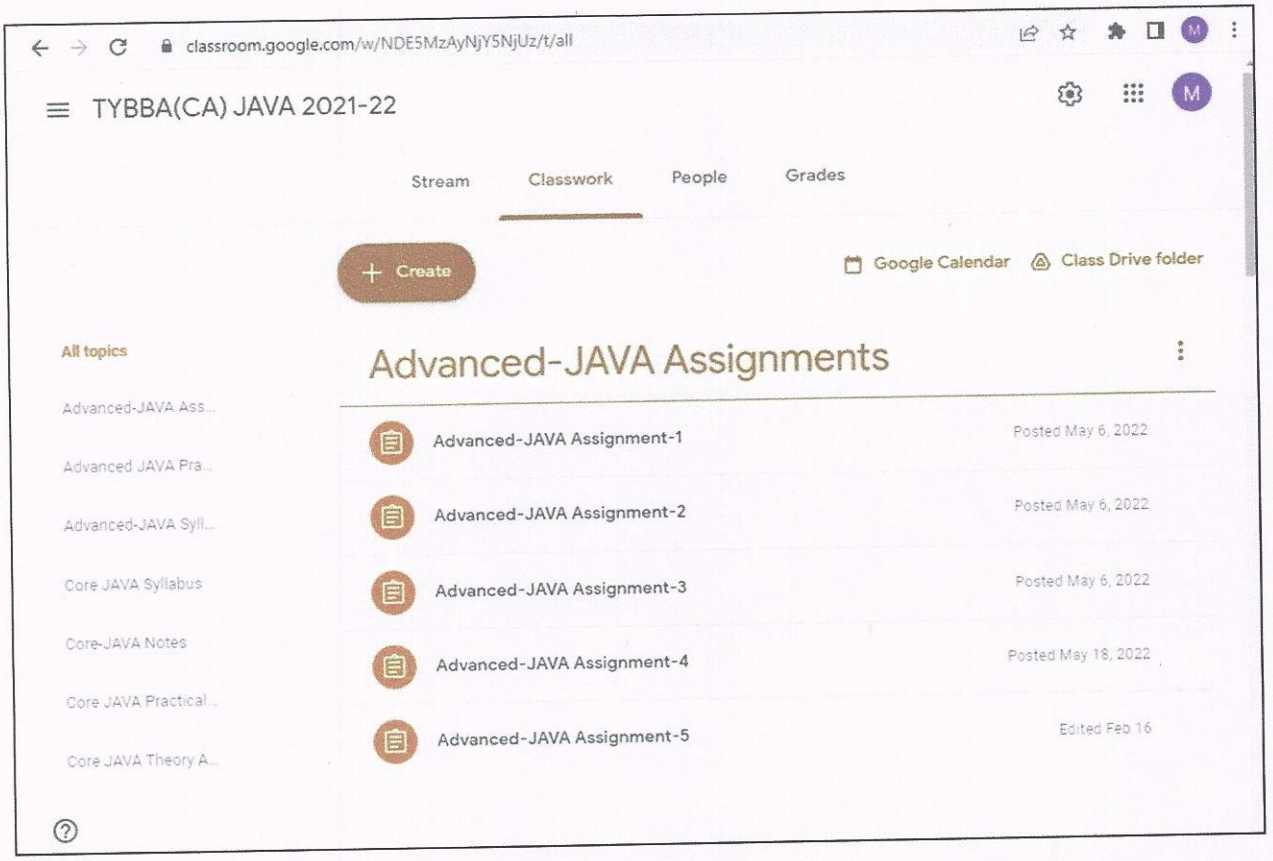
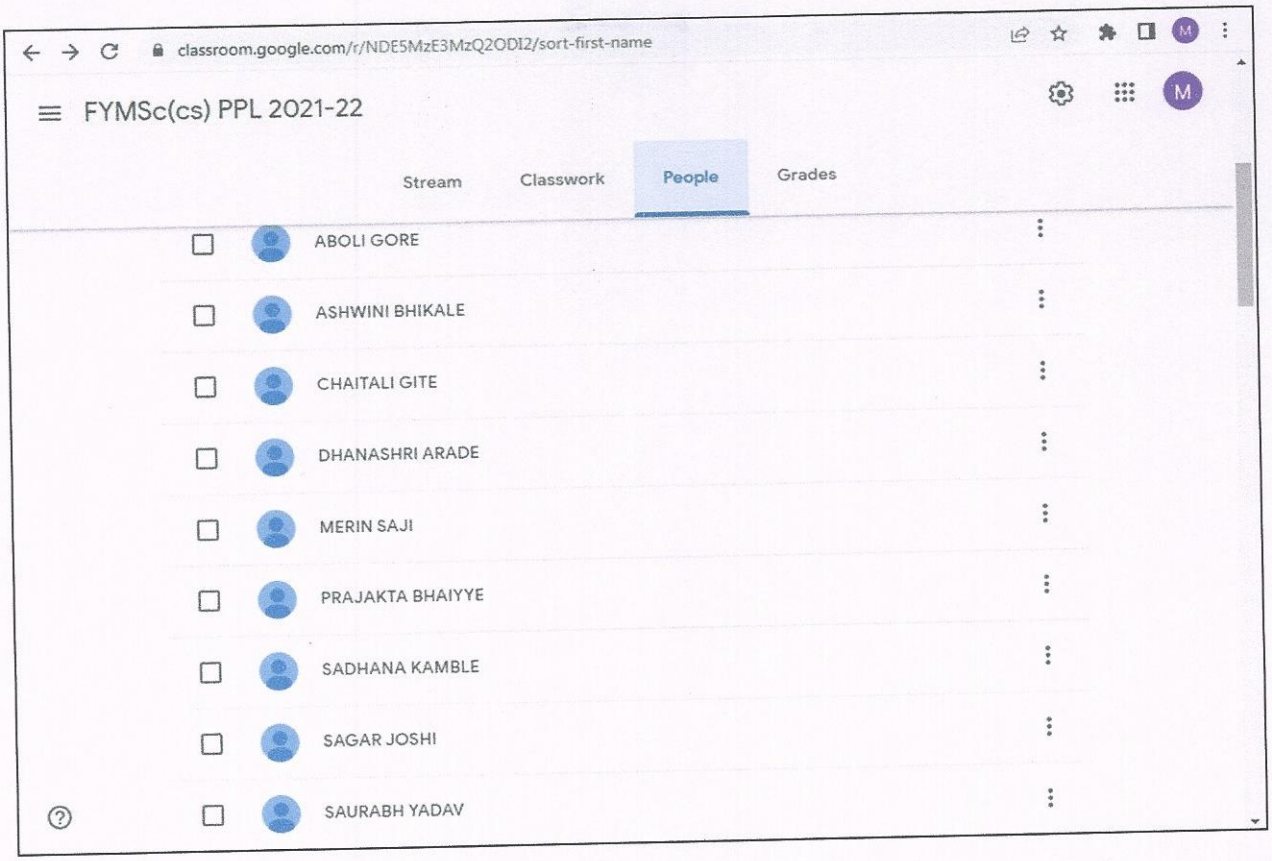
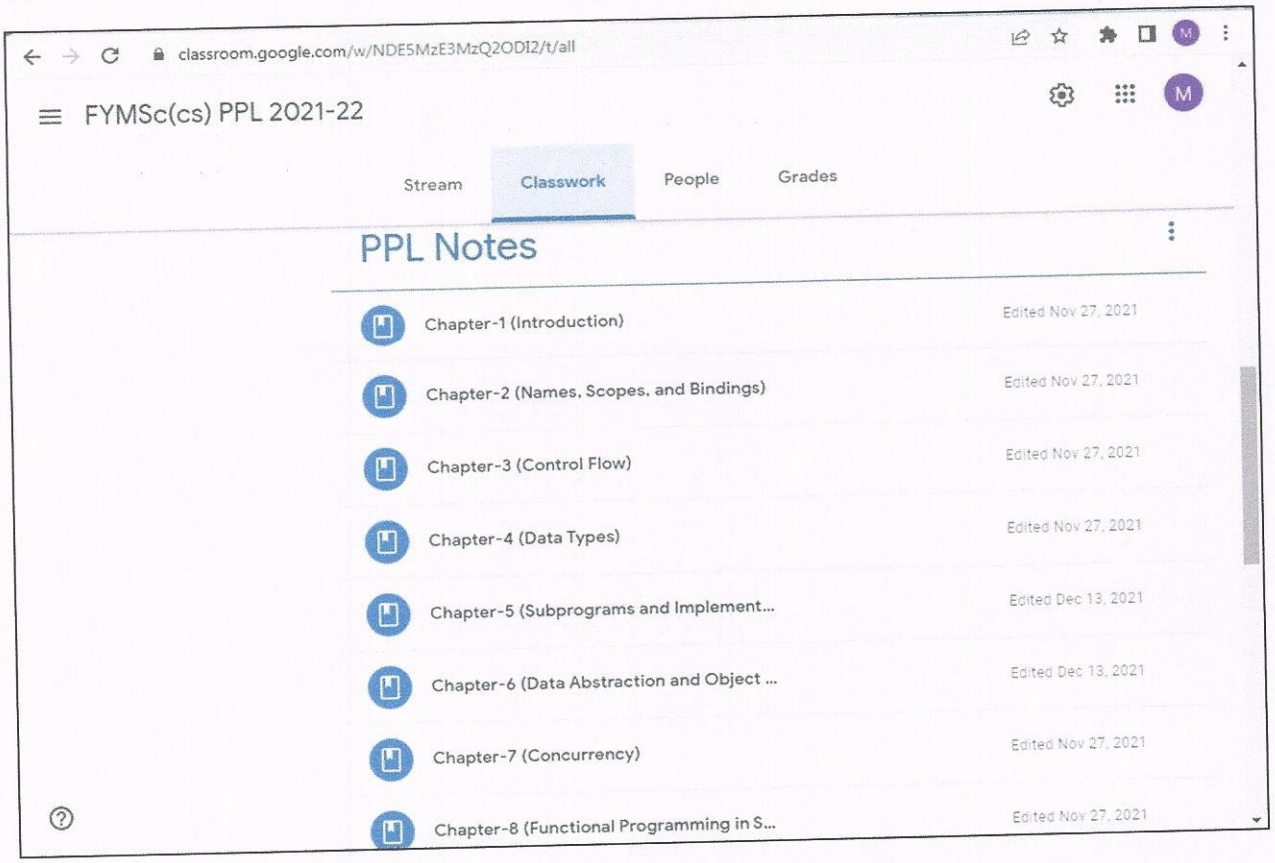
TYBBACA) JAVA Google Classroom for Academic Year : 2021-22





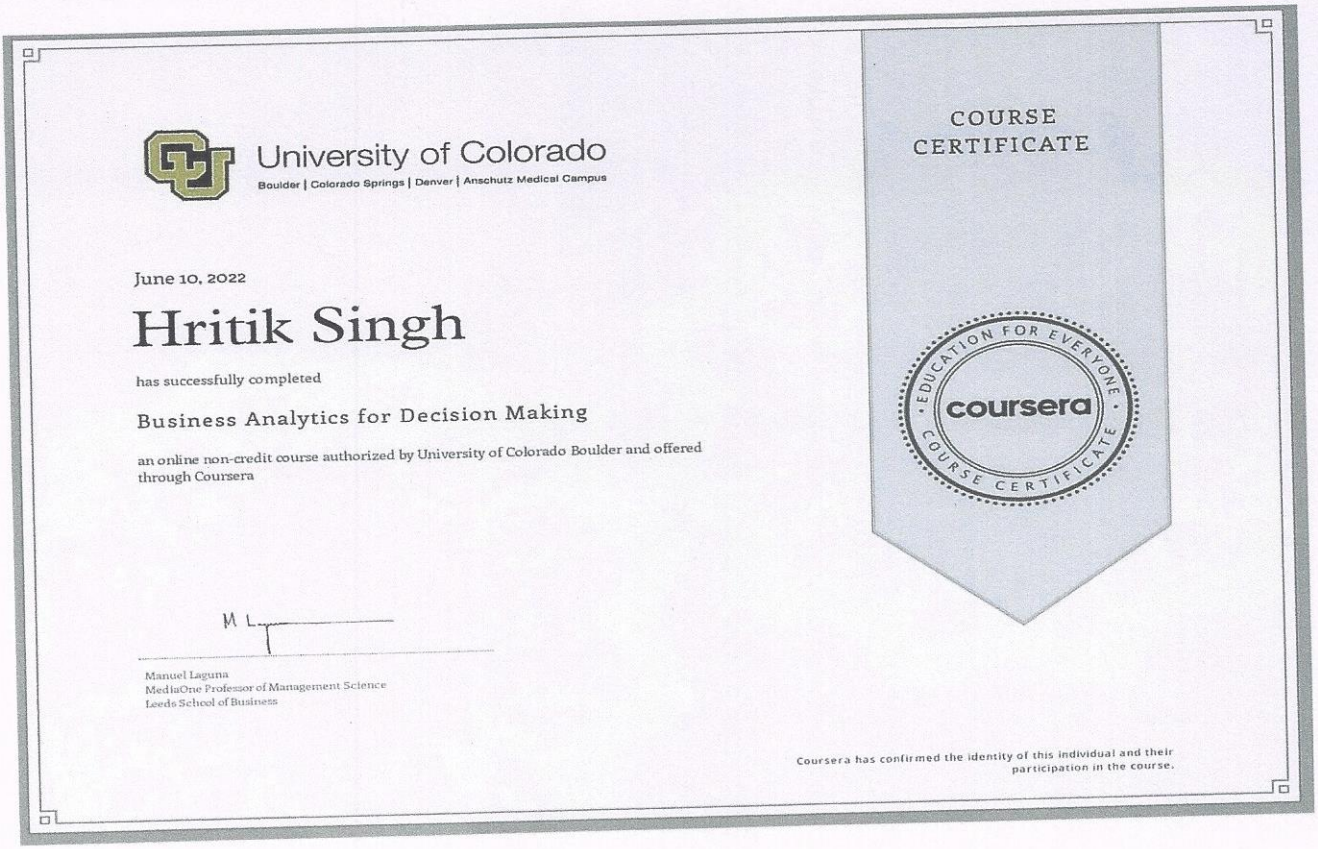
FYMSc(cs) Paradigms of Programming Languages(PPL) Google Classroom for Academic Year : 2021-22





Industry Collaborated Activity

Cousera Sample Cetificates



University of Colorado
Boulder | Colorado Springs | Denver | Anschutz Medical Campus

COURSE CERTIFICATE

June 10, 2022

Hritik Singh

has successfully completed

Business Analytics for Decision Making

an online non-credit course authorized by University of Colorado Boulder and offered through Coursera

Manuel Laguna
MediaOne Professor of Management Science
Leeds School of Business

Coursera has confirmed the identity of this individual and their participation in the course.

UNIVERSITY OF MICHIGAN

COURSE CERTIFICATE

May 16, 2020

Harshal Shantaram Patil

has successfully completed

Python Basics

an online non-credit course authorized by University of Michigan and offered through Coursera

Paul Resnick
Stephen Oney
Jaclyn Cohen

Verify at coursera.org/verify/4GHRS7SEA8VC
Coursera has confirmed the identity of this individual and their participation in the course.

Edx Sample Cetificates

Verified Certificate

UNIVERSITY of WASHINGTON

Joel Ozretich
Lecturer, International & English Language Programs
University of Washington

This is to certify that

tanmay hase

successfully completed and received a passing grade in

BNET001: Preparing to Network in English

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.

edX

Verified Certificate
Issued June 26, 2022

Valid Certificate ID
db8a15b2baa4419981fffe1d8494980b

Verified Certificate

UNIVERSITY of WASHINGTON

Joel Ozretich
Lecturer, International & English Language Programs
University of Washington

This is to certify that

Sohan Mohan Shinde

successfully completed and received a passing grade in

BNET001: Preparing to Network in English

a course of study offered by UWashingtonX, an online learning initiative of University of Washington.

edX

Verified Certificate
Issued June 27, 2022

Valid Certificate ID
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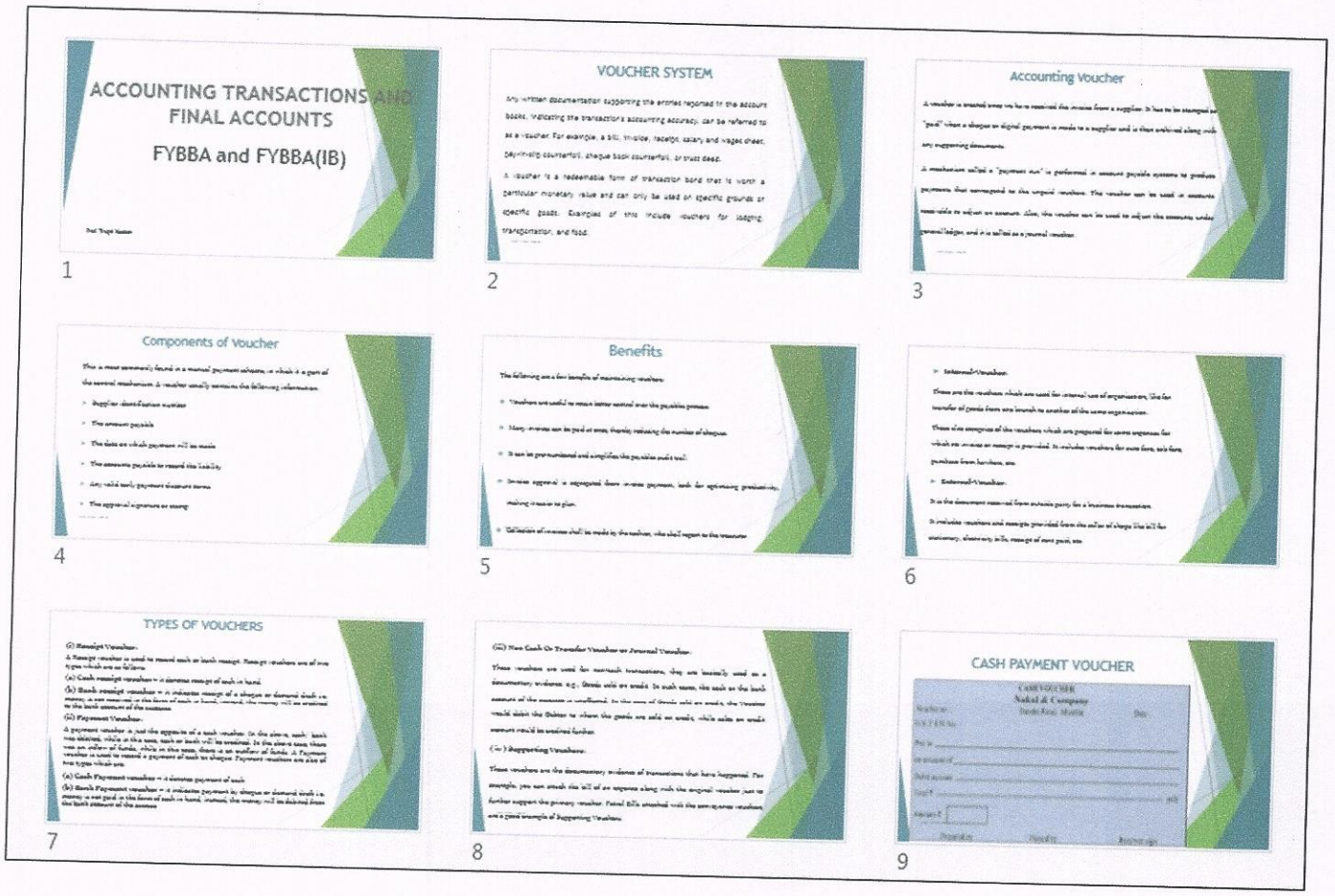
Other Teaching Methods

Name of the Department : Commerce and Management
Name of the Teacher : Prof. Trupti Kadam
Teaching learning Methods used : Other
Year : 2020-21

Semester	Class	Subject/ Topic	Experiential Learning	Participative Learning	Problem Solving Methodologies	Any other Teaching Method
I	BBA and BBA(IB)	Accounting Transactions and Final Accounts				PPT



Name of the Department : Computer Science and Application
Name of the Teacher : Prof. Sarika Shinde
Teaching learning Methods used : Other
Year : 2020-21

Semester	Class	Subject/ Topic	Experiential Learning	Participative Learning	Problem Solving Methodologies	Any other Teaching Method
I	FYBBA(CA)	C Programming				Assignment

Assignment Questions

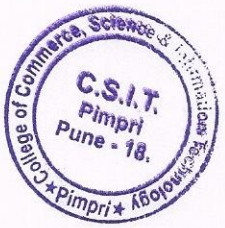
C Programming Assignment-1

2Mark Questions

1) Who developed 'C' language?
2) 'C' is middle level language. Comment.
3) What are the applications of C.
4) What is Identifier? Explain with example.
5) Define keyword?
6) Define Variable? Give example.
7) What are various data types used in C?
8) What is escape sequence?
9) Define operator. List any four types of operators.
10) Sizeof is an operator in C. State true or false

4Mark Questions

1) Explain the structure of C program with example.
2) Explain different types of operators available in C.
3) Write short note on: Precedence and associativity of operators.



Assignment Submission

Assignment

Name :- Khushal S. Dhumane

Class :- FY-BBA-CA

Subject :- C Language

Khushal Dhumane

ASSIGNMENT 1

2 Marks Questions

1. Who developed 'C' language?

Ans:- 'C' language was developed by Dennis Ritchie.

2. 'C' is middle level language. Comment.

Ans:- 'C' is middle level language because it is suitable for system programming.

3. What are the applications of C.

Ans:- ① Operating Computer applications
② Writing embedded softwares.
③ Softwares for microprocessor, controllers in electronics and Communication
④ Development of verification softwares, test codes, simulators etc.

4. What is Identifier? Explain with example.

Ans:- A name chosen by a programmer to identify variables, functions, structures or any user defined entity is called Identifier.

example —

```
int roll_no;
```

Here 'roll_no' is an identifier.

5. Define Keyword?

Ans:- Predefined, reserved words in C that have special meaning to the C compiler is known as keywords.

Khushal Dhumane

6. Define Variable? Give example.

Ans:- Data name that is used to store any data value is known as variable.

example -

```
int len;
```

Here 'len' is variable

7. What are various data types used in C?

Ans:-
- There are three types of data type.
  - primary data type
  - Derived data type
  - User defined data type
- primary data types are —
  - Integer → int
  - Character → Char
  - Float → float
  - Void → void

8. What is escape sequence?

Ans:- It is a sequence of characters that doesn't represent itself when used inside string literal or character.

ex - \n → used for new line.

9. Define operators. List any four types of operators.

Ans:-
- Operators is a symbol that convey to a system to perform a specific operation.
- Following are kind of operators —
  1. Arithmetic operators
  2. relational operators

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2. Explain different types of operators available in C

Ans:- C-operators can be classified into a number of 8 categories

① Arithmetic Operators
② Relational Operators
③ Logical Operators
④ Assignment Operators
⑤ Increment & decrement Operators
⑥ Conditional operators
⑦ Bitwise Operators
⑧ Special Operators.

[1] Arithmetic Operators —

⇒ Arithmetic Operators used to perform arithmetic operations. Example of arithmetic operators:

+	→	addition
-	→	substraction
*	→	multiplication
/	→	Division
%	→	Module division

⇒ Arithmetic operations performed on integers yield an integer value

⇒ Arithmetic operations performed on float operands yields a float value which is rounded off to the number of significant digit permissible.

⇒ When the operands are of different data types the so result is promoted to the Higher data type (Char < int < float)

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2. Explain different types of operators available in C

Ans: C operators can be classified into a number of 8 Categories

1. Arithmetic Operators
2. Relational Operators
3. Logical Operators
4. Assignment Operators
5. Increment & decrement Operators
6. Conditional operators
7. Bitwise Operators
8. Special Operators.

[1] Arithmatic Operators -

⇒ Arithmatic Operators used to perform arithmatic operation. C provide 5 arithmatic operators:

+ → addition
- → substraction
* → multiplication
/ → Division
% → modulo division

⇒ Arithmatic Operations performed on integers yield an integer value

⇒ Arithmatic operations performed on float operand yields a float value which is rounded off to the number of significant digit permissible.

⇒ When the operands are of different data types the so result is promoted to the Higher data type (Char < int < float)

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Operator	Meaning	Remarks
&&	Logical AND	Binary operator
||	Logical OR	Binary operator
!	Logical NOT	Unary operator

[4] Assignment Operator (=)

⇒ Assignment operators are used to assign the result of an expression to a variable.

Variable = Expression

e.g ⇒ Sum = a+b = 10+20 = 30

Variable operator = Expression

⇒ C supports following Shorthand Assignment operators. — +=, -=, *=, /=, %=, &=, |=, ^=, <<=, >>=,

e.g.: a = a+1 can be written as a+ = 1.

⇒ The use of Shorthand Assignment operators has three advantages.

① What appears on the left hand side need not be repeated and therefore it becomes easier to write.
② The statement is more concise and easier to read
③ The statement is more efficient.

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[5] Increment & Decrement Operators -

⇒ C supports two unary operators that is increment & Decrement operators

++ Increment operators
-- Decrement operators

⇒ ++ increments the value of operand by 1
--- decrements the value of operand by 1

⇒ They can be used in two ways:

- Prefix
  - The operator is written before operand.
  - The increment or decrement done before the value of operand is used in an expression
  - e.g ⇒ ++a ; --a

- Postfix
  - The operator is written after operand. The increment or decrement done after the value of operand is used in an expression
  - e.g ⇒ a++ ; a--

[6] Conditional Operators (? :)

⇒ it is ternary operators in C language

⇒ The operator pair ? : is used to conduct conditional expressions.

Expression 1 ? Expression 2 : Expression 3

Expression 1 is evaluated first.
If value of expression is true (non zero) then Expression 2 is evaluated & it becomes the value of conditional expression. If value of Expression is

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false (zero), then expression 3 is evaluated & it becomes the value of conditional expression.

e.g. ⇒ a=10, b=5

max = (a>b) ? a:b

max = 10.

[7] Bitwise Operators.

⇒ Bitwise Operators are used for manipulation of data at bit level. These operators are used for testing the bits or shifting them right or left.

⇒ Bitwise operators are used for integral operands

⇒ Bitwise operators may be not be applied to float or double.

Operators	Meaning
&	Bitwise and (Binary)
|	Bitwise OR (Binary)
^	Bitwise exclusive OR (Binary)
<<	Shift left (Binary)
>>	Shift right (Binary)
~	one's complement (Unary)

[8] Special Operators

① Comma Operators:

⇒ The comma operators can be used to link the related expressions together.

⇒ The comma operators is used to separate several expressions

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⇒ A pair of expressions separated by a comma are evaluated from left to right & the value of right most expression is the value of the combined expression.
⇒ It could be also used for exchanging the value of two variables in a single statements.

⑥ Size of Operator
⇒ It is unary operator
⇒ The size of operator gives the size (in bytes) of the data types or variable.
⇒ Size of is a unary operators which gives size of its arguments in terms of bytes.
⇒ Any data type (char, int, float) variable, array or even structure can be sent to an argument.
⇒ It is also used to allocate memory space dynamically to variables during execution of a program.
⇒ Size of (char) ⇒ 1
Size of (int) ⇒ 2
Size of (float) ⇒ 4
int a(10) ⇒ Size of (a) = 20

Size of (data type) or Size of (Object)

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3 Write short note on: Precedence and associativity of operators.

Ans ⇒ If an expression contains more than one operators, the important questions is what is the order of evaluation? Some rules are needed to specify the orders in which operations are performed. These rules are called Operators precedence or Hierarchy rules.
⇒ Precedence is used to determine how an expression involving more than one operator is evaluated.
⇒ Precedence states the relative importance or priority of operators with respect to other operators.
⇒ There are distinct levels of precedance and an operators may belong to one of these levels.
⇒ The operators at higher level of precedence are evaluated first.
⇒ The operators of the same precedance are evaluated either from left to right or from right to left depending on the level. This is known as Associativity property of an operator.

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A. Goyal
Principal
College of Commerce, Science & Information Technology
S. No. 29/1+2A, Pune-Mumbai Highway,
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