GOVT. POLYTECHNIC, NUAPADA

LESSON PLAN

Discipline: CSE	Semester: 3rd	Name of the Teaching Faculty: Sri. K. K. Chapeyar, Sr. Lecturer(CSE)
Subject: OOP LAB USING JAVA	No. of Class class alloted per week: 4	Semester from: 01/07/2024 No. of weeks: 15 Session: 2024-25

WEEK	DAY	THEORY TOPICS
1st	1st	Write a Java program to print 'Hello' on screen and then print your name on a separate line.
	2nd	do
	3rd	Write a Java program to print the sum of two numbers.
	4th	do
2nd	1st	Write a Java program that takes a number as input and prints its multiplication table upto 10.
	2nd	do
	3rd	Write a Java program to print the area and perimeter of a rectangle
	4th	do
3rd	1st	Write a Java program to swap two variables.
	2nd	do
	3rd	Write a Java program to convert a decimal number to binary number.
	4th	do
4th	1st	do
	2nd	do
	3rd	Write a Java program to compare two numbers.
	4th	do
5th	1st	Write a Java program and compute the sum of the digits of an integer.
	2nd	do
	3rd	Write a Java program to count the letters, spaces, numbers and other characters of an input string.
	4th	do
6th	1st	Write a Java program to reverse a string.
	2nd	do
	3rd	Write a Java program to accept a number and check the number is even or not. Prints 1 if the number is even or 0 if the number is odd.
	4th	do
7th	1st	Write a Java program that accepts two integer values from the user and return the larger values. However if the two values are the same, return 0 and return the smaller value if the two values have the same remainder when divided by 6.
	2nd	do
	3rd	do
	4th	do
	1st	Write a Java program to get the larger value between first and last element of an array (length 3) of integers .
	2nd	do

8th	3rd	Design a class to represent a bank account. Include the following members :Name of the depositor, Account Number, Type of account Balance amount in the account and to assign initial values
	4th	Method to deposit an amount, to withdraw an amount and display the name and balance
9th	1st	do
	2nd	do
	3rd	do
	4th	do
10th	1st	Given are two one-dimensional arrays, A and B which are sorted in ascending order. Write a program to merge them into a single sorted array C that contains every item from arrays A and B, in ascending order.
	2nd	do
	3rd	Write a java program implementing multiple inheritance.
	4th	do
11th	1st	Write a java program implementing package.
	2nd	do
	3rd	do
	4th	do
12th	1st	Write a java program to read a file line by line and print the line on the output screen.
	2nd	do
	3rd	do
	4th	do
13th	1st	Write a java program to read content from one file and write it into another
	2nd	do
	3rd	do
	4th	do
14th	1st	Define an exception called "No Match Exception" that is thrown when a string is not equal to "India". Write a program that uses this exception.
	2nd	do
	3rd	do
	4th	do
15th	1st	Develop a java project for percentage calculator/temperature conversion tool.
	2nd	do
	3rd	Develop a java project for percentage calculator/temperature conversion tool.
	4th	do

Signature of
Faculty

HOD 29|06|24
Sr. Lecturer(CSE)