Assignment 1
OOPs using JAVA

Sno.	Questions (IF)	CO
1.	Use the methods – nextInt(), nextLine(), nextFloat(),nextBoolean(),nxtByte(),nextDouble(), nextLong(), nextShort().	CO2
2.	Write a program to use following operator: 1. Arithmetic operators (+,-, /, %,*) 2. Assignment operators(=,+=,-=,*=,/=) 3. Comparison operators (<,><=,>=, ==, !=) 4.Logical operators(&&,||,!)	CO2
3.	WAP for grading system where marks will be entered from user and grade will be printed on screen corresponding to marks (use if …else)	CO2
4.	WAP to take input age of person and check he is eligible for marriage or not.	CO2
5.	WAP to input a cost of a pen and calculate 70 pens cost with some discount. If total pen cost greater than 1000 then we calculate 20% discount otherwise 10%	CO2
6.	WAP to take Basic Salary of employee from user and calculate gross salary with given condition, if Basic Salary >= 10,000 then we calculate 40% da (dearness allowance) and 30% ta (travelling Allowance) of Basic Salary otherwise 30% da and 20% ta of Basic salary.	CO2
7.	WAP to check whether an alphabet is vowel or consonant using if ….else statement.	CO2
8.	WAP to find MAX between two number/three number.	CO2
9.	WAP to Check a number is odd or even.	CO2
10.	WAP to Check a number is positive/negative.	CO2

	Questions (Loop)	
1.	WAP to print first N Natural Numbers and sum of N Natural Number	CO2
2.	WAP to find reverse of a given number.	CO2
3.	WAP to find sum of digits of a given number.	CO2
4.	WAP to find sum of even and product of odd digits.	CO2
5.	WAP to check whether a number is palindrome or not.	CO2
6.	WAP to find product of a given digits.	CO2
7.	WAP to check a number is prime or not.	CO2
8.	WAP to find prime no. between 1- 100.	CO2
9.	WAP to find factorial of a number.	CO2
10.	WAP to print a table of a given number.	CO2
11.	WAP to print Fibonacci series.	CO2
12.	WAP to check a number is Armstrong or not.	CO2
13	WAP to find x^y .(the values must be taken from user)	CO2