**COP Assignment 1:**

1.Accept 5 numbers in an array. Add each number & Display the addition.

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2.Create a class Employee having member empId(int), empName(String),gender(char)

1.Write parameter less constructor and initialize your variables.

2.Write display function which display the data.

Also write TestMain class in the same file which will create the object of class Employee in it and call the display() Function.

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3.Create a class in java MyCalculator with two data members int num1,num2 .Write Parameter less and Parameterized Constructor to initialize your data members**.(\*\*\*\*Just given Pseudo code for reference and if you want you can make it menu driven with all arithmetic operations\*\*\*\*\*\*)**

MyCalculator()

{

//write your code here

}

MyCalculator(int n1,int n2)

{

//write your code here

}

Write below functions in MyCalculator class

void display()

{

Display num 1 and num2 value

}

void add()

{

Num1+num2;//this num1 and num2 will be class data members

}

Void multiply()

{

Num1\*num2;

}

In main function call all of them by creating MyCalculator object.

Public static void main(String args[])

{

MyCalculator m=new MyCalculator();

}

4. Write a Java Program to Create an array and write a function to reverse the array.

5. Write a program that converts kilometers per hour to miles per hour.

miles = (kilometer \* 0.6213712)

6. Swap two numbers without using a third variable.

7. Write a Java program to enter three numbers and print maximum number.

8. Write a Java program to enter a year value from user and print whether it leap year or not.

9. Accept input from the user and check whether the input is number or character or symbol.

10. The marks obtained by a student in 5 different subjects are input through the keyboard. The student gets a division as per the following rules: Percentage above or equal to 60 - First division

Percentage between 50 and 59 - Second division

Percentage between 40 and 49 - Third division

Percentage less than 40 - Fail

Write a Java program to calculate the division obtained by the student.

11.Write a Java Program Print the fibonnacci series as follows: -

0 1 1 2 3 5 8 13

12. Write a program in Java to print character and its ASCII value.

13. Display all prime number between 1 to 100.