

COP Assignment 1

Submission Date:16-03-2022(till 5 pm)

Q1.Create a class in java MyCalculator with two data members int num1,num2
.Write Parameter less and Parameterized Constructor to initialize your data members.

```
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();
```

```
}
```

```
*****
```

Q2. Write a Java program to Overload add() function

In class OverloadTest .

Atleast create 3 overloaded versions of add() function.

```
*****
```

Q3. Create a class Book(bookId,bookName,bookPrice)

1. Write no argument constructor

2. Write parameterized constructor.

3. Write display function to display all the book information.

4. Write `setPrice(int p)` to reset the price of book.

create two objects of book class to call the functions.

Q4. Create `MaxTest` Java class to overload `max()` function to calculate maximum of two numbers and maximum of three numbers .