<u>Assignment – 3</u>

Practice Questions: 1

Q1) WAP to create basic calculator functions and call them

```
Calculator.java ×
                       @ mainCalc.java
            int divide(int a, int b) { return a / b; }
                    System.out.println("Enter your choice[1-5]: ");
                    System.out.println("3. Multiplication");
System.out.println("4. Division");
                    System.out.println();
                     if (choice == 1) {
                     Н
                     else if (choice == 2) {
                         System.out.println("Subtraction of numbers is: " + subtract(a, b));
                         System.out.println("Multiplication of numbers is: " + multiply(a, b));
                         System.out.println("Invalid choice");
```

```
Enter the first number:
20
Enter the second number:
10
Enter your choice[1-5]:
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Exit
1

Sum of numbers is: 30
Enter your choice[1-5]:
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Exit
2

Subtraction of numbers is: 10
Enter your choice[1-5]:
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Exit
2

Multiplication
6. Division
7. Subtraction
8. Multiplication
9. Subtraction
9. Subtraction
9. Subtraction
9. Subtraction
9. Exit
1. Addition
1. Division
1. Exit
2. Subtraction
3. Multiplication
4. Division
5. Exit
3. Multiplication of numbers is: 200
```

```
Enter your choice[1-5]:

1. Addition

2. Subtraction

3. Multiplication

4. Division

5. Exit

4

Division of numbers is: 2

Enter your choice[1-5]:

1. Addition

2. Subtraction

3. Multiplication

4. Division

5. Exit

5

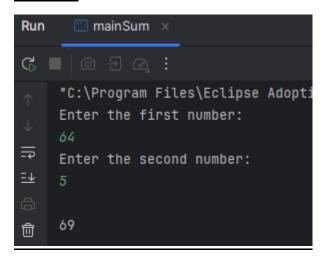
Thanks for using my program!
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int Subtract (int q, int b) { Heturn a-b',	
Heturn a-b'	9.
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int multiply (int a, int b) ? Hetwen a+b;	
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int divide (int a, int b)? Heturn a/b;	
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   System ("2. Subtraction");
System ("3. Multiplication");
System ("4. Dr. Hillor");
System ("4. Dr. Hillor");
   int chaice = sun. nextInt();
    Etson ();
      Sysoln ("Sum: "+ add(a,b));
  else & (Charce = = 2) {
Sysoln ("Sub: " + Aubthact (a,b));
         John ("Hult: " + multiply (9,6));
  clse of (charce == 5){
         when (" Thanks for wing the calculator"
  & return;
    Sysolu ("Invalled choice");
 Syster ();
```

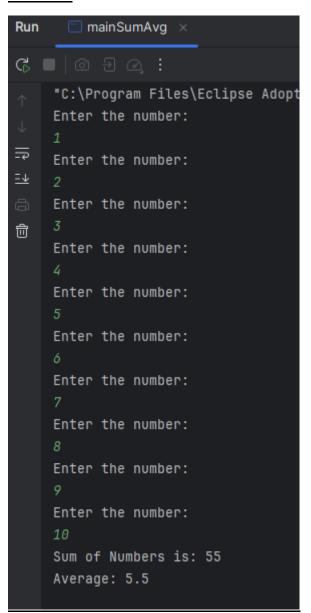
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Q2) WAP to accept two numbers from user and print sum of them.



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Q3) WAP to accept 10 numbers from user and print sum and average of it.



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Q4) WAP to print prime numbers between 1 and 100.

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⑪	7 Prime	70 Not Prime
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	9 Not Prime	72 Not Prime
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	39 Not Prime	99 Not Prime
	40 Not Prime	100 Not Prime

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