Q1. Write a program to print the name of the user.

```
Program:
```

```
class Name
     {
     public static void main(String args[])
     {
        String userName="Anna";
        System.out.print("User name is" + userName);
     }
}
```

## Output:

```
E:\java notes>javac Name.java
E:\java notes>java Name
User name isAnna
```

Q2. Write a program for concatenating First name, Last name and display it. Enter the names as command line arguments.

## **Program:**

```
class concatName
    {
      public static void main (String args[])
      {
          String firstName= args[0];
          String lastName= args[1];
          String FullName= firstName + lastName;
          System.out.println("Full Name is " + FullName);
      }
    }
    Output:
```

```
E:\java notes>javac concatName.java
E:\java notes>java concatName Anna Roy
Full Name isAnnaRoy
```

Q3.Write a program to calculate the Simple interest where principal, interest and time period are given as command line arguments.

(Simple Interest= $P \times r \times n$  where P=Principal, r=Interest rate, n=Term of loan in years)

```
Program:
```

```
E:\java notes>java SI 500 2 3
Simple Interest is : 30.0
```

Q4. Write a program that averages the rain fall for three months, April, May, and June. Declare and initialize a variable to the rain fall for each month. Compute the average, and write out the results, in the following format:

```
Rainfall for April: 12

Rainfall for May: 14

Rainfall for June: 8

Average rainfall: 11.333333

PROGRAM:

class AvgRainfall
{
   public static void main(String args[])
   {
     int April = Integer.parseInt(arg[0]);
     int May = Integer.parseInt(arg[1]);
     int June = Integer.parseInt(arg[2]);
     float AverageRainfall = (April + May + June)/3;
     System.out.println(" Average Rainfall is: " + AverageRainfall);
   }
}
```

```
E:\java notes>java AvgRainfall 12 14 8
Average Rainfall is : 11.0
```

Q5. Write a program to initialize two numbers, swap them and print.

```
class SwapNo
{
public static void main(String args[])
  int a = Integer.parseInt(args[0]);
  int b = Integer.parseInt(args[1]);
  int c;
  System.out.println("a = " +a);
  System.out.println("b = " +b);
  c=a;
  a=b;
  b=c;
 System.out.println("Values after swapping: ");
 System.out.println("a=" +a);
 System.out.println("b=" +b);
 E:\java notes>java SwapNo 1 2
 a = 1
 b = 2
 Values after swapping :
 a=2
b=1
```

Q6. Write a program to convert a given Fahrenheit value into Celsius value

## **OUTPUT:**

Q7. Write a program to calculate the perimeter of a rectangle where length and breadth are given as command line arguments.

```
Program:
class RectPerimeter
    {
        public static void main(String args[])
        {
            int Length=Integer.parseInt(args[0]);
            int Breadth=Integer.parseInt(args[1]);
            int Perimeter=2*(Length + Breadth);
            System.out.println("Perimeter of the Rectangle is : " +Perimeter);
        }
        Output:
```

E:\java notes>java RectPerimeter 10 20 Perimeter of the Rectangle is : 60