

Q1. Write a Java program to print 'Hello' on screen and your name on a separate line.

Expected Output :

Hello

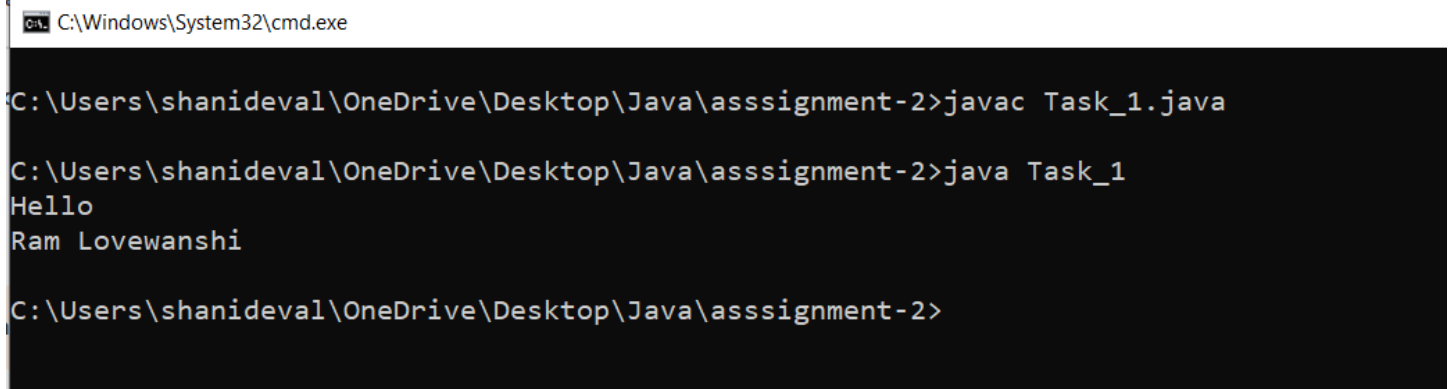
Ram Lovewanshi

//Task_1.java

```
class Task_1{

    public static void main(String args[]){

        //expected output
        System.out.println("Hello");
        System.out.println("Ram Lovewanshi");
    }
}
```



C:\Windows\System32\cmd.exe

```
C:\Users\shanideval\OneDrive\Desktop\Java\assignment-2>javac Task_1.java

C:\Users\shanideval\OneDrive\Desktop\Java\assignment-2>java Task_1
Hello
Ram Lovewanshi

C:\Users\shanideval\OneDrive\Desktop\Java\assignment-2>
```

Q2. Write a Java program to print the sum of two numbers.

Test Data:

74 + 36

Expected Output :

110

//Task_2.java

```
import java.util.Scanner;
class Task_2{
    public static void main(String args[]){

        //data type declaration
        int num1=74,num2=36;

        System.out.println(num1+ " + " +num2);
        System.out.println(num1+num2);
    }
}
```

C:\Windows\System32\cmd.exe

```
C:\Users\shanideval\OneDrive\Desktop\Java\assignment-2>javac Task_2.java
```

```
C:\Users\shanideval\OneDrive\Desktop\Java\assignment-2>java Task_2
```

```
74 + 36
```

```
110
```

```
C:\Users\shanideval\OneDrive\Desktop\Java\assignment-2>
```

Q3. Write a Java program to divide two numbers and print them on the screen.

Test Data :

50/3

Expected Output :

16

//Task_3.java

```
import java.util.Scanner;
class Task_3{
    public static void main(String args[]){

        //data type declaration
        int a=50,b=3;

        System.out.println(a+"/"+b);
        System.out.println(a/b);

    }
}
```

C:\Windows\System32\cmd.exe

```
C:\Users\shanideval\OneDrive\Desktop\Java\assignment-2>javac Task_3.java
```

```
C:\Users\shanideval\OneDrive\Desktop\Java\assignment-2>java Task_3
```

```
50/3
```

```
16
```

```
C:\Users\shanideval\OneDrive\Desktop\Java\assignment-2>
```

Q4. Write a Java program to print the results of the following operations.

Test Data:

a. $-5 + 8 * 6$

b. $(55+9) \% 9$

c. $20 + -3*5 / 8$

d. $5 + 15 / 3 * 2 - 8 \% 3$

Expected Output :

43

1

19

13

//Task_4.java

```
import java.util.Scanner;
class Task_4{
    public static void main(String args[]){

        //data type declaration
        int a,b,c,d;
        a=-5+8*6;
        System.out.println("a. -5 + 8 * 6");
        b=(55+9) % 9;
        System.out.println("b. (55+9) % 9");
        c=20 + -3*5 / 8;
        System.out.println("c. 20 + -3*5 / 8");
        d=5 + 15 / 3 * 2 - 8 % 3;
        System.out.println("d. 5 + 15 / 3 * 2 - 8 % 3");

        System.out.println();
        System.out.println(a);
        System.out.println(b);
        System.out.println(c);
        System.out.println(d);

    }
}
```

```
C:\Windows\System32\cmd.exe
C:\Users\shanideval\OneDrive\Desktop\Java\asssignment-2>javac Task_4.java
C:\Users\shanideval\OneDrive\Desktop\Java\asssignment-2>java Task_4
a.  -5 + 8 * 6
b.  (55+9) % 9
c.  20 + -3*5 / 8
d.  5 + 15 / 3 * 2 - 8 % 3

43
1
19
13
C:\Users\shanideval\OneDrive\Desktop\Java\asssignment-2>
```

Q5. Write a Java program that takes two numbers as input and displays the product of two numbers.

Test Data:

Input first number: 25

Input second number: 5

Expected Output :

25 x 5 = 125

//Task_5.java

```
import java.util.Scanner;
class Task_5{

    public static void main (String args[]){

        // data type declaration
        int a,b;
        Scanner obj=new Scanner(System.in); //message for display
        System.out.print(" Input first number : ");
        a=obj.nextInt(); //25 //taking input from user
        System.out.print(" Input second number : "); //message for display
        b=obj.nextInt(); //5 //taking input from user

        //expected output
        System.out.println(a + " x " + b + " = " + a*b); //25 x 5 =125

    }
}
```

C:\Windows\System32\cmd.exe

C:\Users\shaniideval\OneDrive\Desktop\Java\asssignment-2>javac Task_5.java

C:\Users\shaniideval\OneDrive\Desktop\Java\asssignment-2>java Task_5

Input first number : 25

Input second number : 5

25 x 5 = 125

C:\Users\shaniideval\OneDrive\Desktop\Java\asssignment-2>

Q6. Write a Java program to print the sum (addition), multiply, subtract, divide and remainder of two numbers.

Test Data:

Input first number: 125

Input second number: 24

Expected Output :

125 + 24 = 149

125 - 24 = 101

125 x 24 = 3000

125 / 24 = 5

125 mod 24 = 5

//Task_6.java

```
import java.util.Scanner;
class Task_6{

    public static void main(String args[]){

        //data type declaration
        int a,b;
        Scanner obj=new Scanner(System.in);
        System.out.print("Input first number : "); //message for display
        a=obj.nextInt(); //125      //taking input from user
        System.out.print("Input second number : "); //message for display
        b=obj.nextInt(); //24      //taking input from user

        //expected output
        System.out.println(a+ " + " +b + " = "+(a+b));
        System.out.println(a+ " - " +b + " = "+(a-b));
        System.out.println(a+ " X " +b + " = "+(a*b));
        System.out.println(a+ " / " +b + " = "+(a/b));
        System.out.println(a+ " mod " +b + " = "+(a%b));

    }
}
```

```
C:\Windows\System32\cmd.exe
C:\Users\shaniideval\OneDrive\Desktop\Java\assignment-2>javac Task_6.java

C:\Users\shaniideval\OneDrive\Desktop\Java\assignment-2>java Task_6
Input first number : 125
Input second number : 24
125 + 24 = 149
125 - 24 = 101
125 X 24 = 3000
125 / 24 = 5
125 mod 24 = 5

C:\Users\shaniideval\OneDrive\Desktop\Java\assignment-2>
```