

Java

5-12-23

Input :-

1. ~~Ex~~ Class HelloWorld

```

{
    public static void main (String [] args)
    {
        System.out.println ("HelloWorld");
    }
}

```

output :-
HelloWorld

2. Even and Odd [Input]

Class EvenOdd

```

{
    public static void main (String [] args)
    {

```

System int a = 5;

if (a % 2 == 0)

{

System.out.println ("a is even");

}

else {

System.out.println ("a is odd");

}

}

}

output :-

T :-

a is odd

3

Add 2 Numbers [Input]:

import java.util.*;

class Sum

{
public static void main (String [] args){
int a = 10, b = 20, sum;

sum = a + b;

System.out.println ("sum is" + sum);
}

Output:-

a + b = Sum

10 + 20 = 30

12-12-23

class RectanglArea

{
public static void (String args[]).{
int length, breadth;

length = Integer.parseInt (args [0]);

breadth = Integer.parseInt (args [1]);

int area = length * breadth;

System.out.println ("length of rectangle = " + length);

System.out.println ("breadth of rectangle = " + breadth);

System.out.println ("area of rectangle = " + area);
}Output:
length of rectangle = 10
breadth of rectangle = 8
area of rectangle = 80

5. Scanner [Input]

```
Import Java.util.Scanner;
```

```
Class Scanner
```

```
{
```

```
Public Static void main (String args []).
```

```
{
```

```
int a ; float b ; String s ;
```

```
Scanner in = new Scanner (System.in);
```

```
System.out.println("Enter a String");
```

```
s = in.nextLine();
```

```
System.out.println("You entered String " + s);
```

```
System.out.println("Enter an integer");
```

```
a = in.nextInt();
```

```
System.out.println("You entered Integer" + a);
```

```
System.out.println("Enter a float");
```

```
b = in.nextFloat();
```

```
System.out.println("You entered float" + b);
```

```
}
```

```
}
```

output :-

you entered String

you entered String integer

1.2

you entered float 1.2

6.

Array [Year & Months with day] Input

```
Class Array {
```

```
public static void main (String args []).
```

```
{
```

```
int months_day[] = { 31, 28, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31 };
```


System.out.println("July has "+month_days); } }

3.

output →

July has 31 day.

7.

Factorial [Input]: -

```
import java.util.Scanner;
class Factorial {
    public static void main (String args[]) {
        int fac = 1;
        System.out.println("Enter a number:");
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        for (int i = 1; i <= n; i++) {
            fac = fac * i;
        }
        System.out.println("The factorial: " + fac);
    }
}
```

Output :-

Enter a number: 3.
The factorial: 6.

9.

Sum of Digits : [Input]

```

import java.util.Scanner;
class Sumofdigits {
    public static void main(String args[])
    {
        long number, sum;
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter a 5-digit number:");
        Number = sc.nextLong();
        for (sum = 0; number != 0; number = number / 10) {
            sum = sum + number % 10;
        }
        System.out.println("Sum of digits: " + sum);
    }
}

```

Output

Enter a 5-digit number:

56789

Sum of digits : 35