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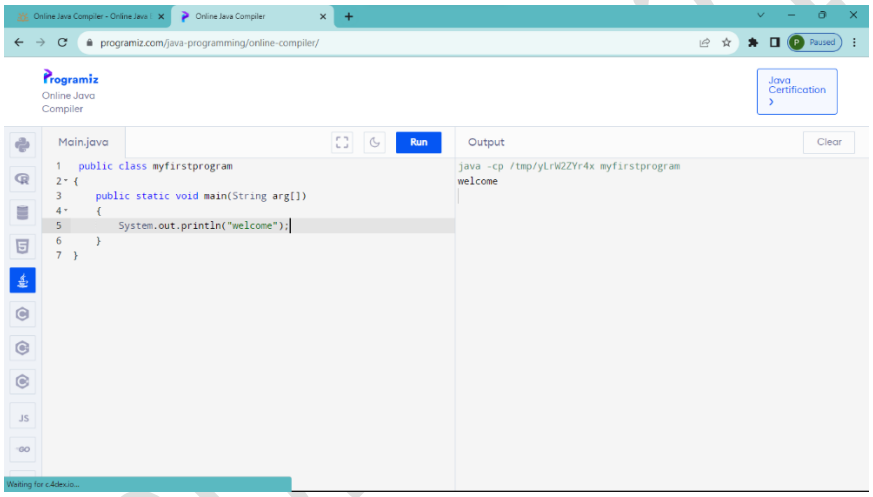
# 1.To print welcome in java

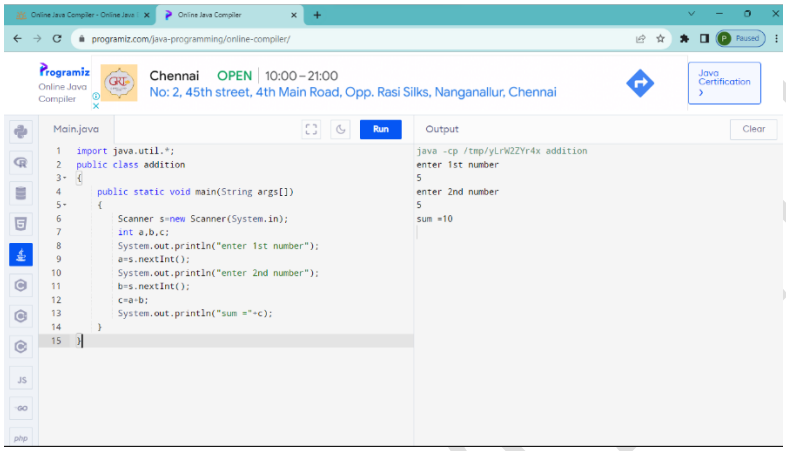
```
public class myfirstprogram
{
   public static void main(String arg[])
   {
      System.out.println("welcome");
   }
}
```




# 2.Addition of two numbers

```
import java.util.*;
 public class addition
 {
    public static void main(String args[])
    {
       Scanner s=new Scanner(System.in);
       int a,b,c;
```

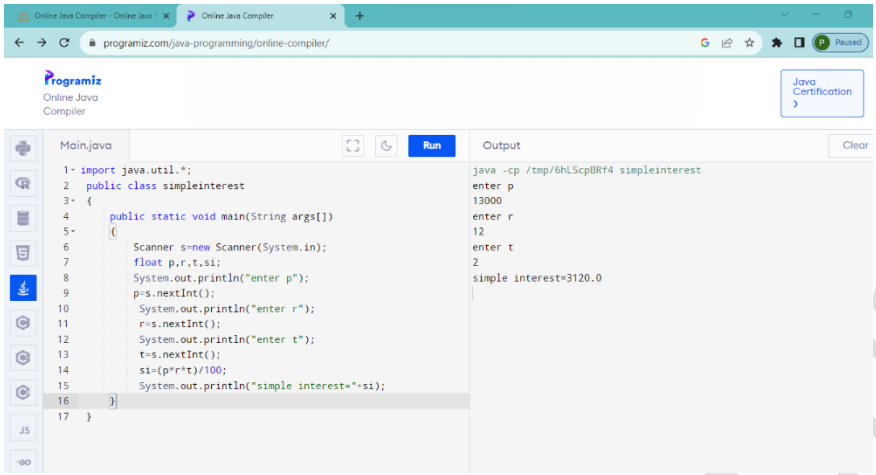
```
System.out.println("enter 1st number");
        a=s.nextInt();
        System.out.println("enter 2nd number");
        b=s.nextInt();
        c=a+b;
        System.out.println("sum ="+c);
    }
}
```




3.To find simple interest

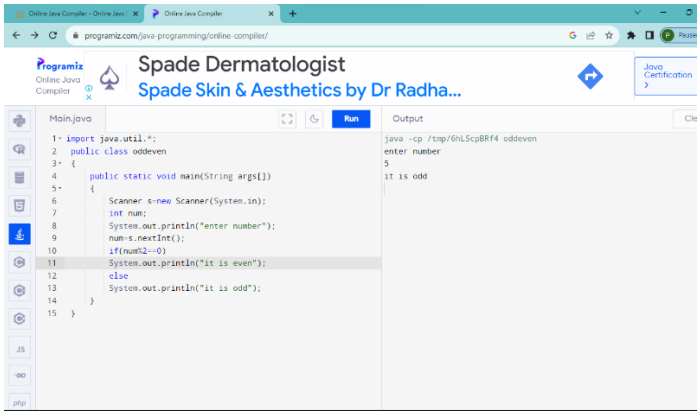
```
import java.util.*;
 public class simpleinterest
{
    public static void main(String args[])
    {
        Scanner s=new Scanner(System.in);
        float p,r,t,si;
        System.out.println("enter p");
        p=s.nextInt();
         System.out.println("enter r");
    r=s.nextInt();
         System.out.println("enter t");
         t=s.nextInt();
```

```
        si=(p*r*t)/100;
        System.out.println("simple interest="+si);
    }
}
```



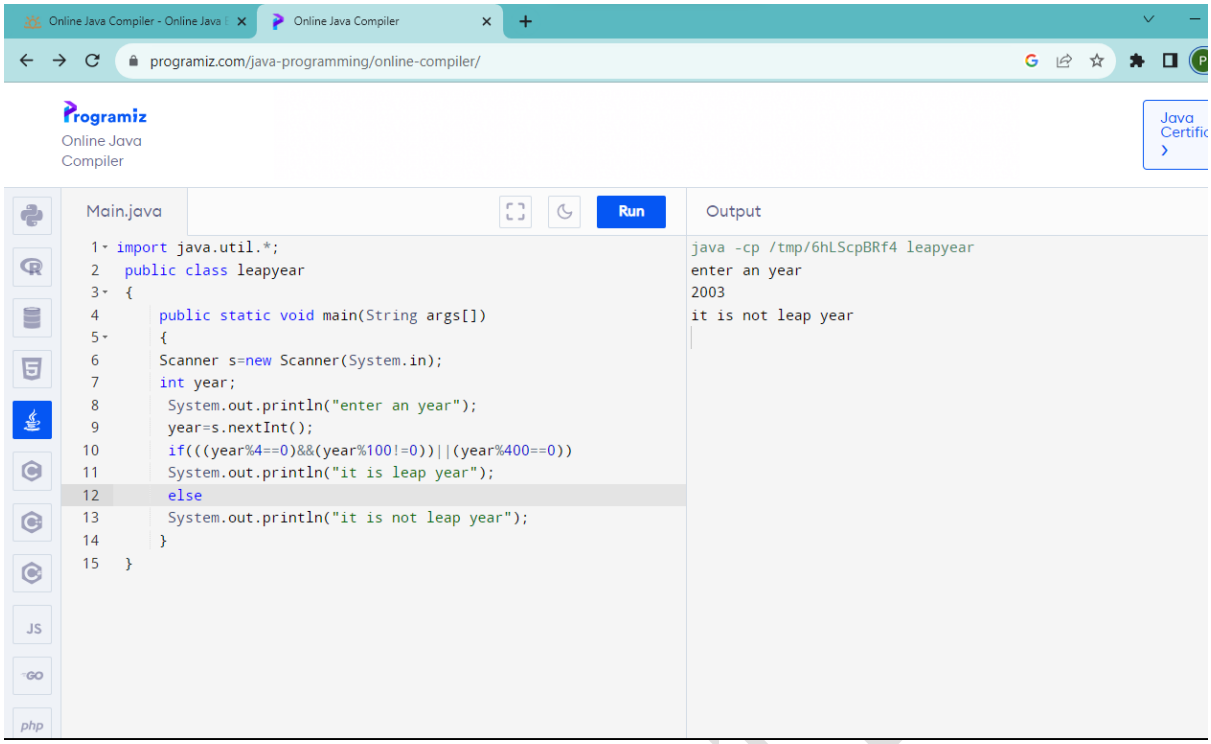

4.Odd or Even

```
import java.util.*;
 public class oddeven
{
    public static void main(String args[])
    {
        Scanner s=new Scanner(System.in);
        int num;
        System.out.println("enter number");
        num=s.nextInt();
        if(num%2==0)
        System.out.println("it is even");
        else
    System.out.println("it is odd");
    }
}
```




5.Leap year or not

```
import java.util.*;
 public class leapyear
 {
    public static void main(String args[])
    {
    Scanner s=new Scanner(System.in);
    int year;
     System.out.println("enter an year");
     year=s.nextInt();
     if(((year%4==0)&&(year%100!=0))||(year%400==0))
     System.out.println("it is leap year");
     else
     System.out.println("it is not leap year");
    }
 }
```

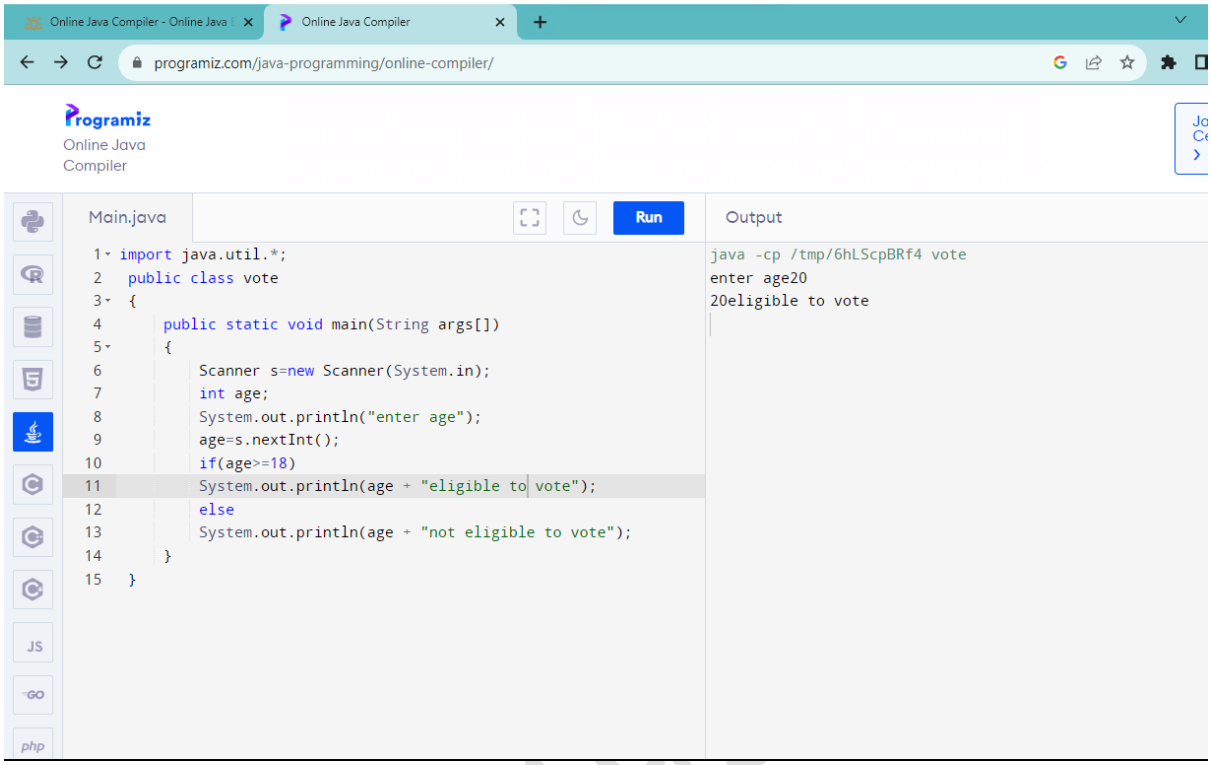



6.Eligible to vote

```
import java.util.*;
 public class vote
 {
    public static void main(String args[])
    {
       Scanner s=new Scanner(System.in);
       int age;
       System.out.println("enter age");
       age=s.nextInt();
       if(age>=18)
       System.out.println(age + "eligible to vote");
       else


       System.out.println(age + "not eligible to vote");
    }
```

}




7.positive,negative,zero

```
import java.util.*;
 public class number
 {
    public static void main(String args[])
    {
       Scanner s=new Scanner(System.in);
       int num;
       System.out.println("enter a number");
       num=s.nextInt();
```

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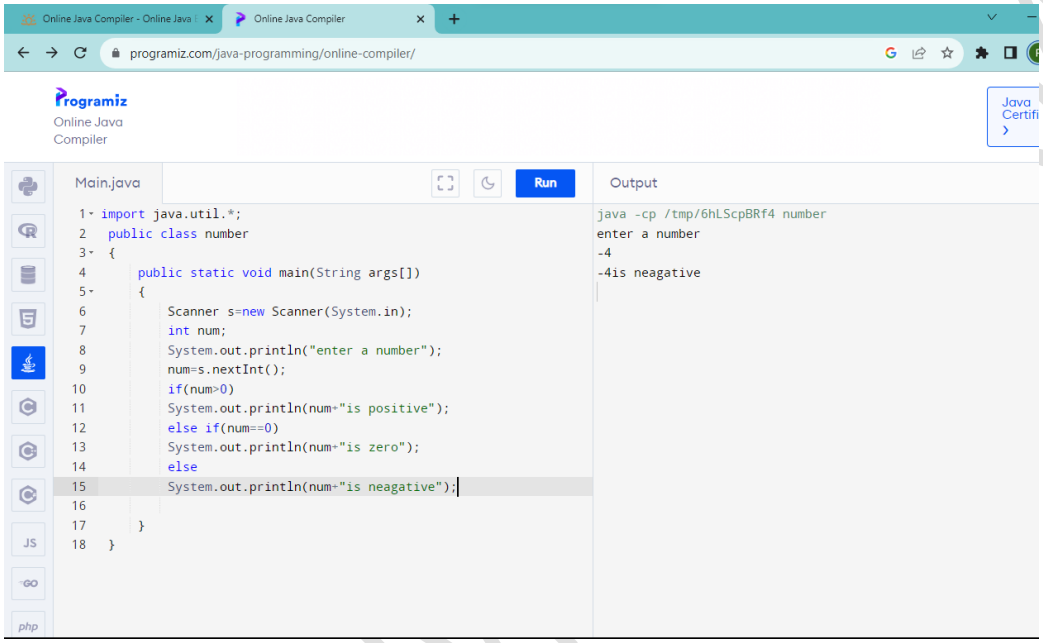
```
      if(num>0)
        System.out.println(num+"is positive");
```

```
        else if(num==0)
        System.out.println(num+"is zero");
        else
        System.out.println(num+"is neagative");

    }
}
```




8.College name and dept

```
import java.util.*;
 public class name
{
    public static void main(String args[])
    {
        Scanner s=new Scanner(System.in);
```

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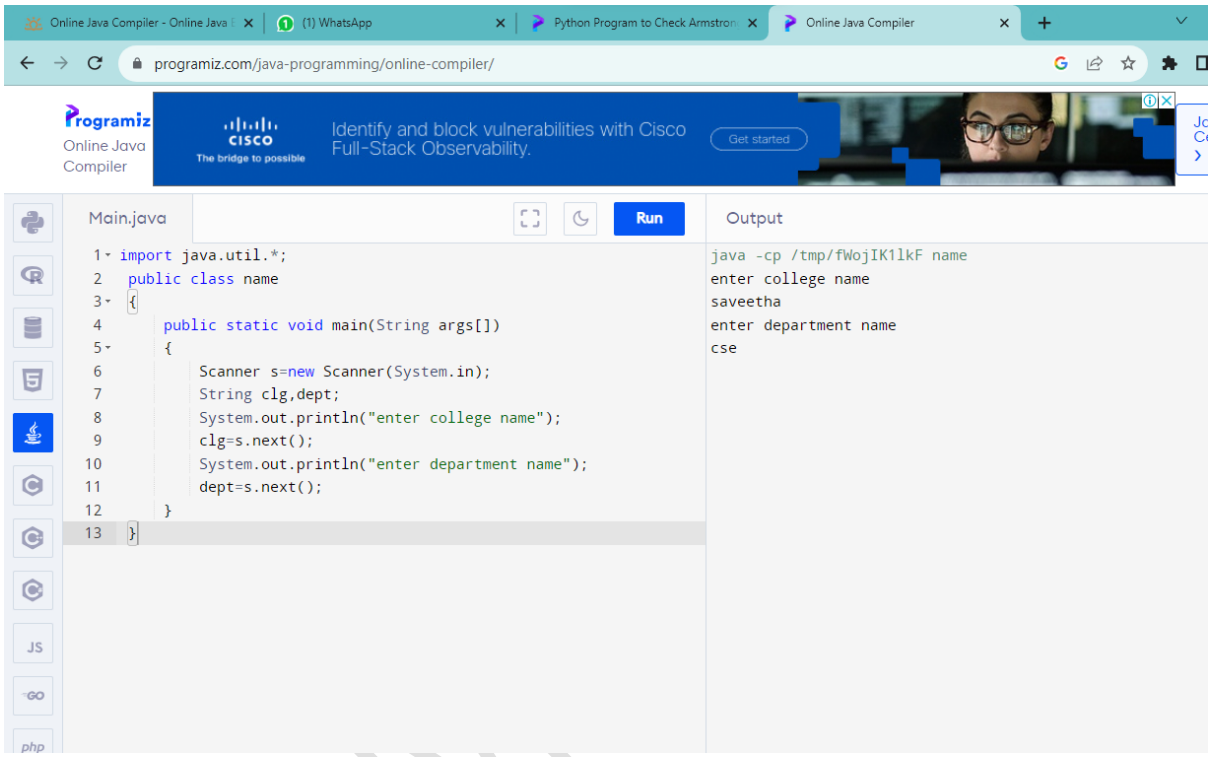
```
  String clg,dept;
        System.out.println("enter college name");
```

```
        clg=s.next();
        System.out.println("enter department name");
        dept=s.next();
    }
}
```






9.Sum of number

```
public class sum
{
public static void main(String[] args)
```

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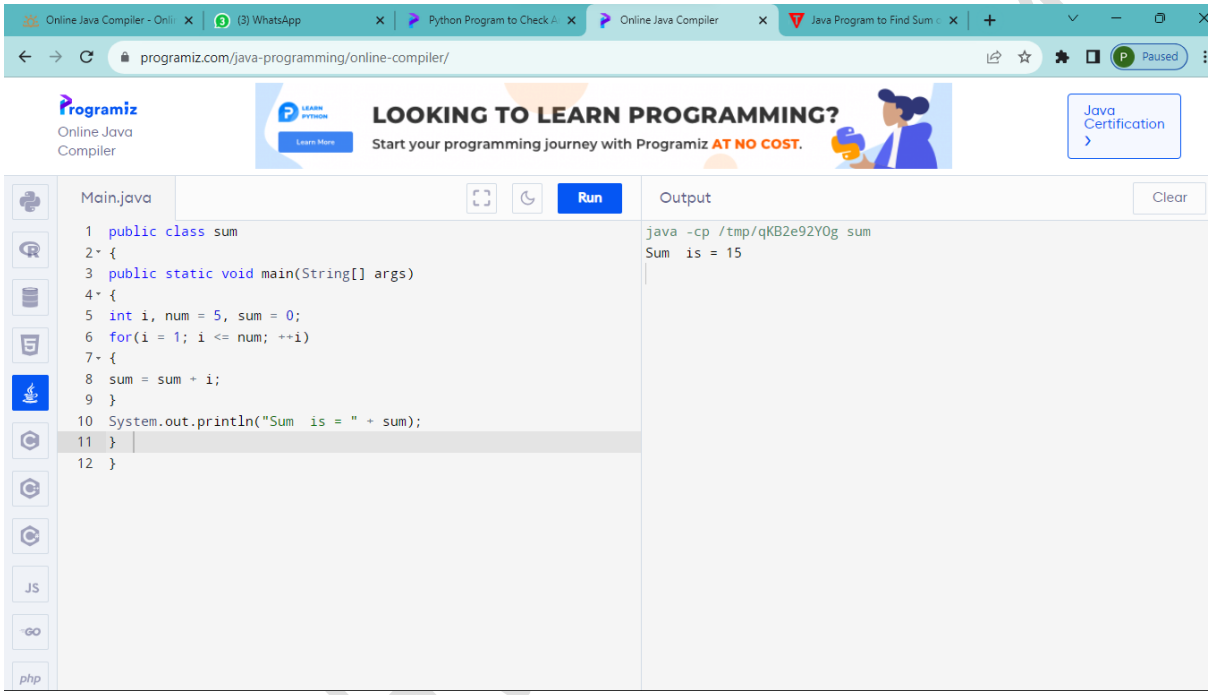
```
{
int i, num = 5, sum = 0;
```

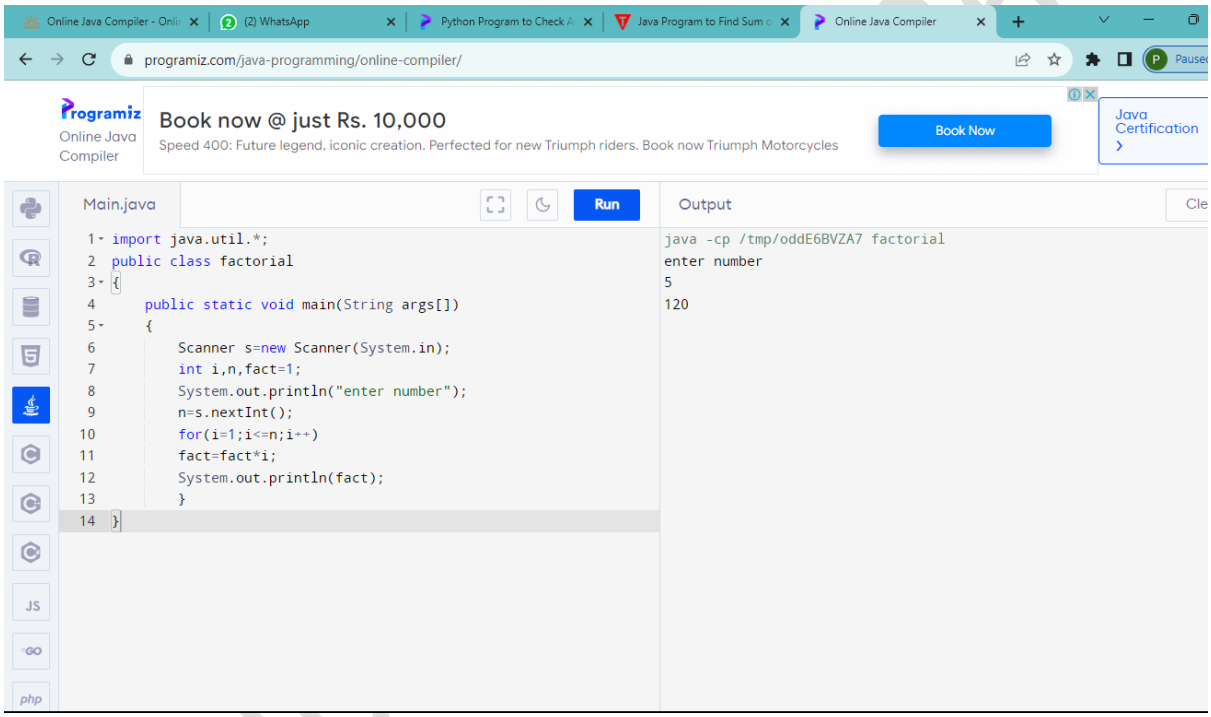
```
for(i = 1; i <= num; ++i)
{
sum = sum + i;
}
System.out.println("Sum  is = " + sum);
}
}
```




10.factorial

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

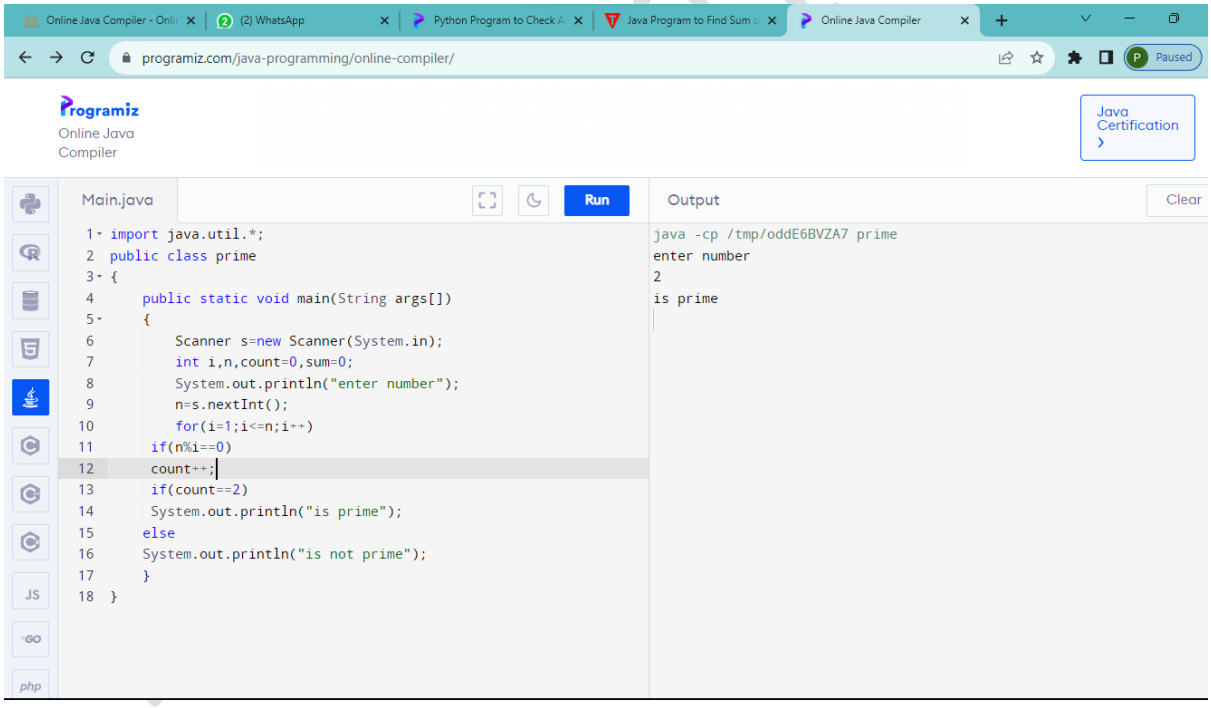
```
        Scanner s=new Scanner(System.in);
        int i,n,fact=1;
        System.out.println("enter number");
        n=s.nextInt();
        for(i=1;i<=n;i++)
        fact=fact*i;
        System.out.println(fact);
        }
}
```




11.Prime number

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

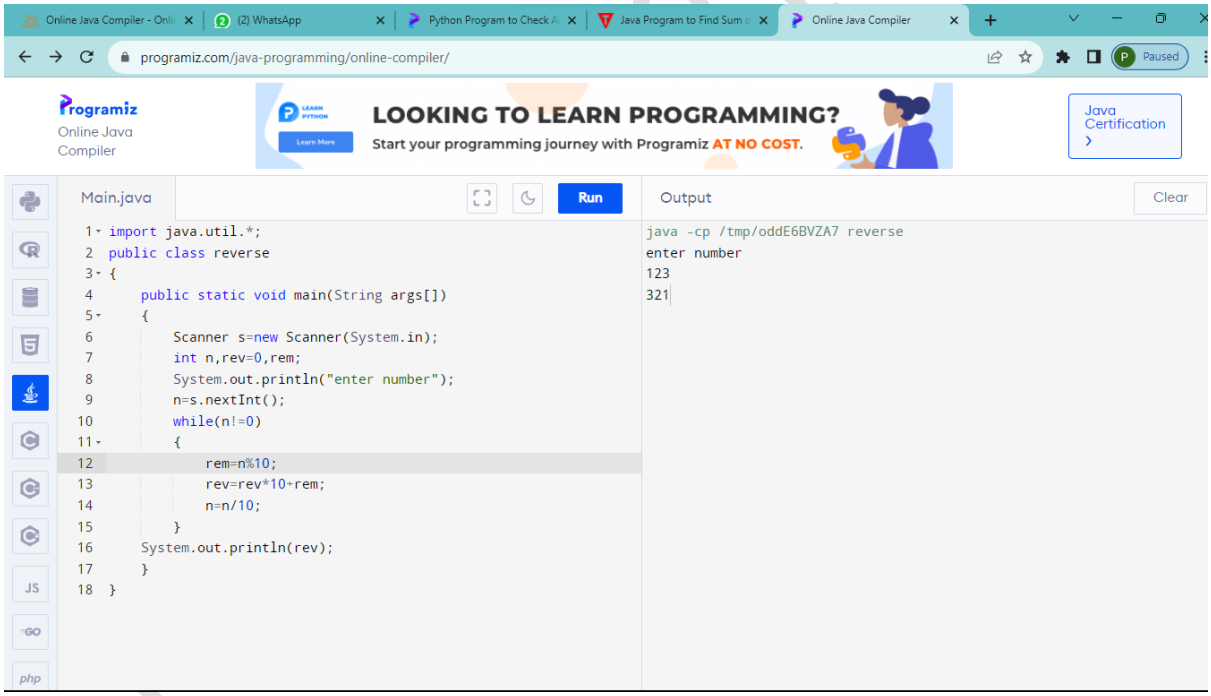
```
    Scanner s=new Scanner(System.in);
    int i,n,count=0,sum=0;
    System.out.println("enter number");
    n=s.nextInt();
    for(i=1;i<=n;i++)
  if(n%i==0)
  count++;
  if(count==2)
  System.out.println("is prime");
 else
 System.out.println("is not prime");
 }
}
```




12.Reverse

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

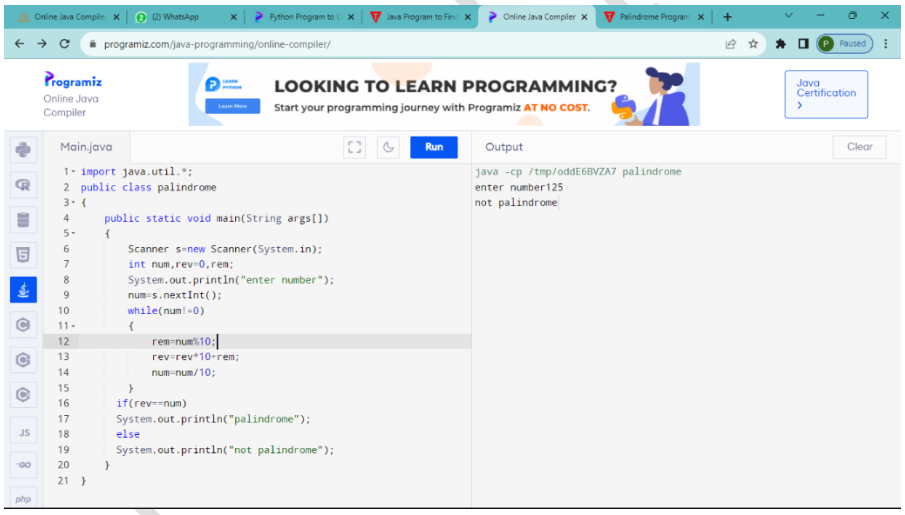
```
    Scanner s=new Scanner(System.in);
    int n,rev=0,rem;
    System.out.println("enter number");
    n=s.nextInt();
    while(n!=0)
    {
      rem=n%10;
      rev=rev*10+rem;
      n=n/10;
    }
  System.out.println(rev);
  }
}
```




13.palindrome

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

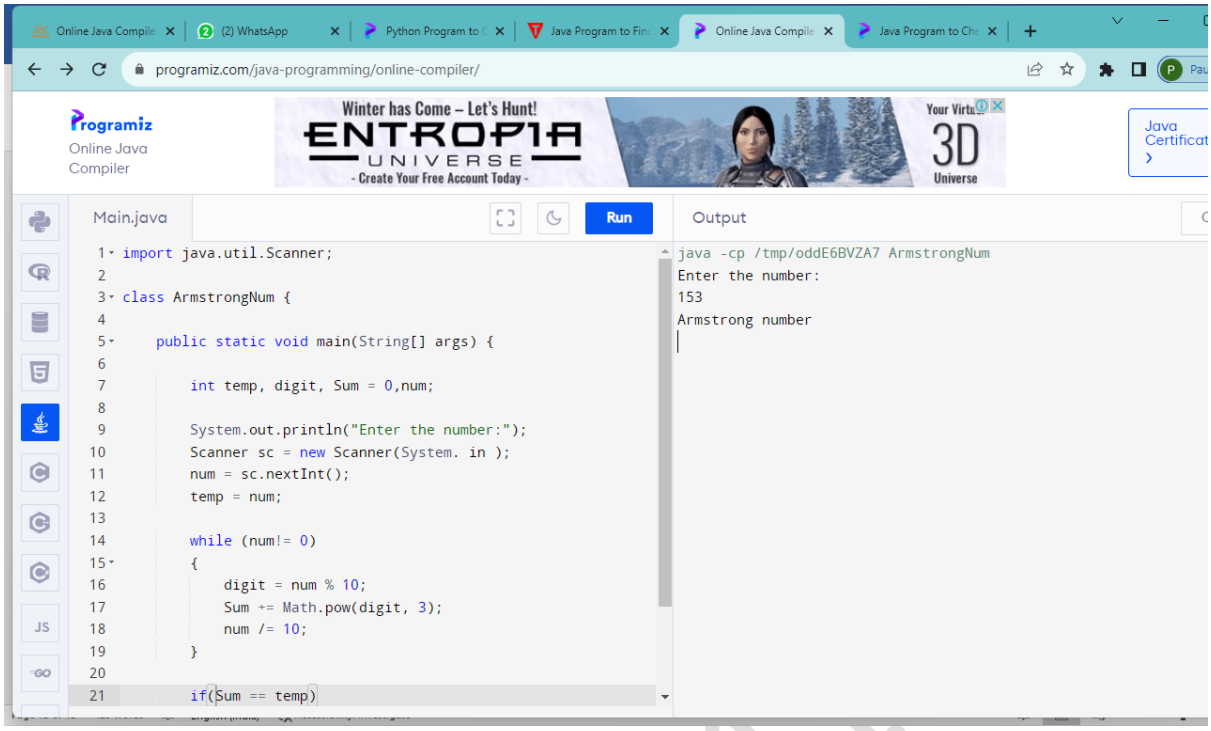
```
        Scanner s=new Scanner(System.in);
        int num,rev=0,rem;
        System.out.println("enter number");
        num=s.nextInt();
        while(num!=0)
        {
           rem=num%10;
           rev=rev*10+rem;
           num=num/10;
        }
      if(rev==num)
      System.out.println("palindrome");
      else
      System.out.println("not palindrome");
    }
}
```




14.Armstrong number

```
import java.util.Scanner;

class ArmstrongNum {
```

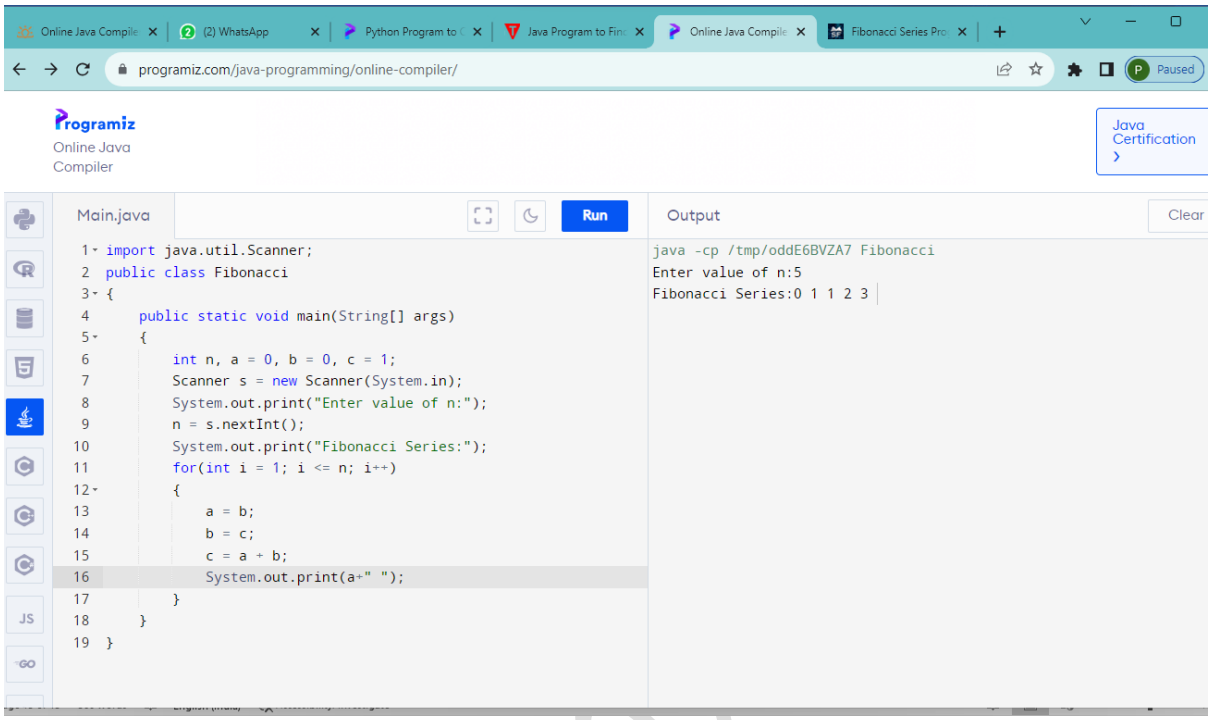
```
    public static void main(String[] args) {

        int temp, digit, Sum = 0,num;

        System.out.println("Enter the number:");
        Scanner sc = new Scanner(System. in );
        num = sc.nextInt();
        temp = num;

        while (num!= 0)
        {
            digit = num % 10;
            Sum += Math.pow(digit, 3);
            num /= 10;
        }

        if(Sum == temp)
            System.out.println( "  Armstrong number");
        else
            System.out.println( "  not an Armstrong number");
    }
}
```




15.fibonacci series

```
import java.util.Scanner;

public class Fibonacci

{

   public static void main(String[] args)

   {

      int n, a = 0, b = 0, c = 1;

      Scanner s = new Scanner(System.in);

      System.out.print("Enter value of n:");

      n = s.nextInt();

      System.out.print("Fibonacci Series:");

      for(int i = 1; i <= n; i++)

      {

         a = b;

         b = c;

         c = a + b;

         System.out.print(a+" ");

      }
```

```
    }
}
```


Online Java Compile
(2) WhatsApp
Python Program to
Java Program to Find
Online Java Compile
Fibonacci Series Pro
programiz.com/java-programming/online-compiler/
Paused
Programiz
Online Java Compiler
Java Certification
Main.java
Run
Output
Clear
1 import java.util.Scanner;
2 public class Fibonacci
3 {
4 public static void main(String[] args)
5 {
6 int n, a = 0, b = 0, c = 1;
7 Scanner s = new Scanner(System.in);
8 System.out.print("Enter value of n:");
9 n = s.nextInt();
10 System.out.print("Fibonacci Series:");
11 for(int i = 1; i <= n; i++)
12 {
13 a = b;
14 b = c;
15 c = a + b;
16 System.out.print(a+" ");
17 }
18 }
19 }
java -cp /tmp/oddE6BVZA7 Fibonacci
Enter value of n:5
Fibonacci Series:0 1 1 2 3