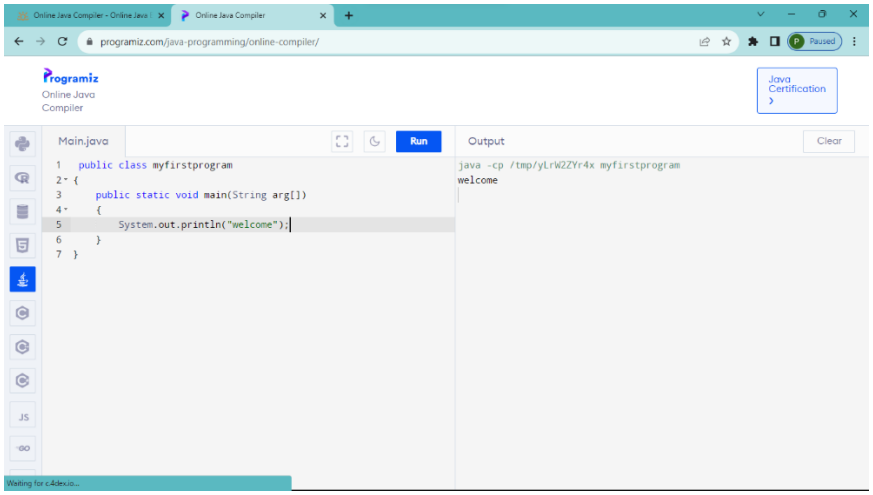
1.To print welcome in java

```
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");
```

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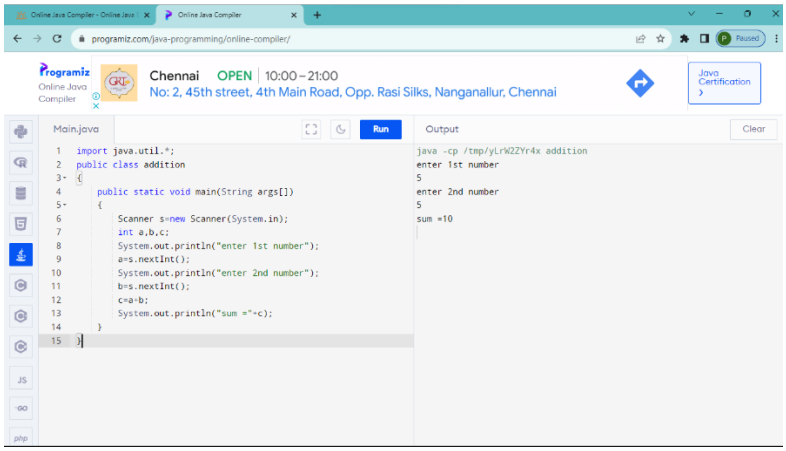
```
        b=s.nextInt();
        c=a+b;
        System.out.println("sum ="+c);
    }
}
```



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);
    }
}
```

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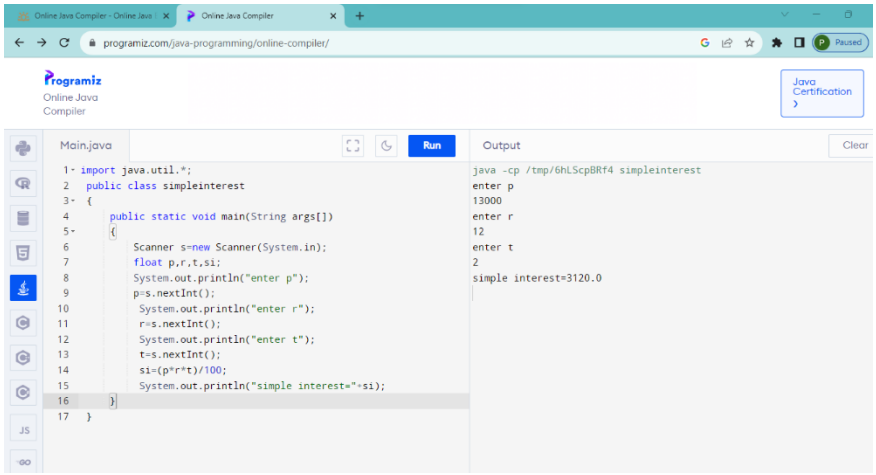
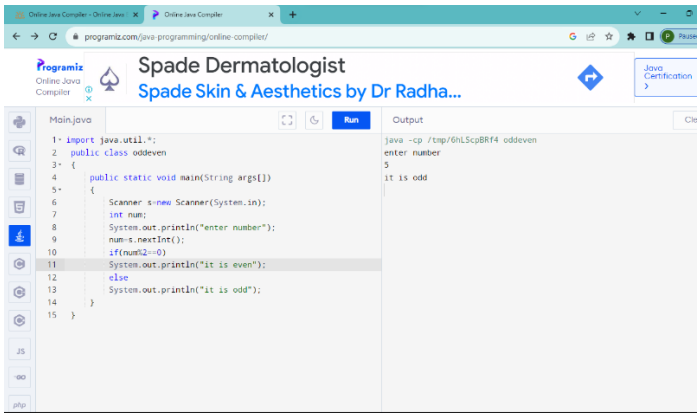


4.Odd or Even

```
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");
    }
 }
```



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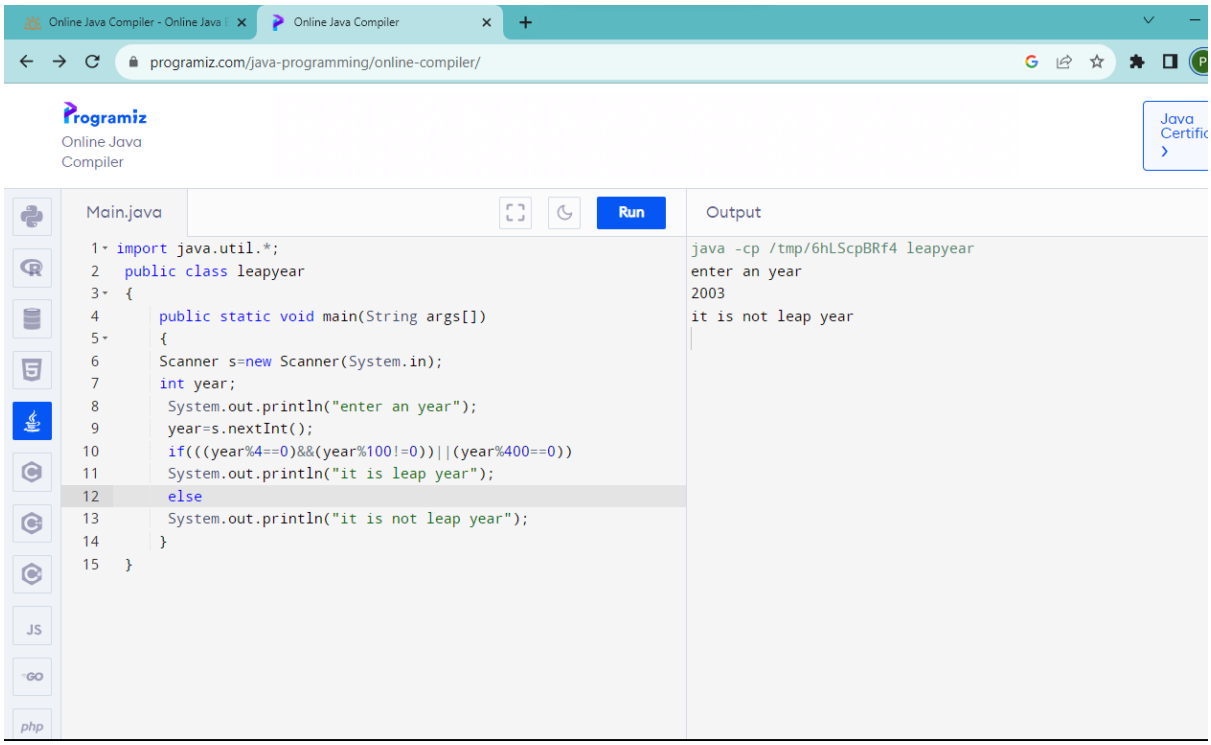
5.Leap year or not

```
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");
    }
 }
```



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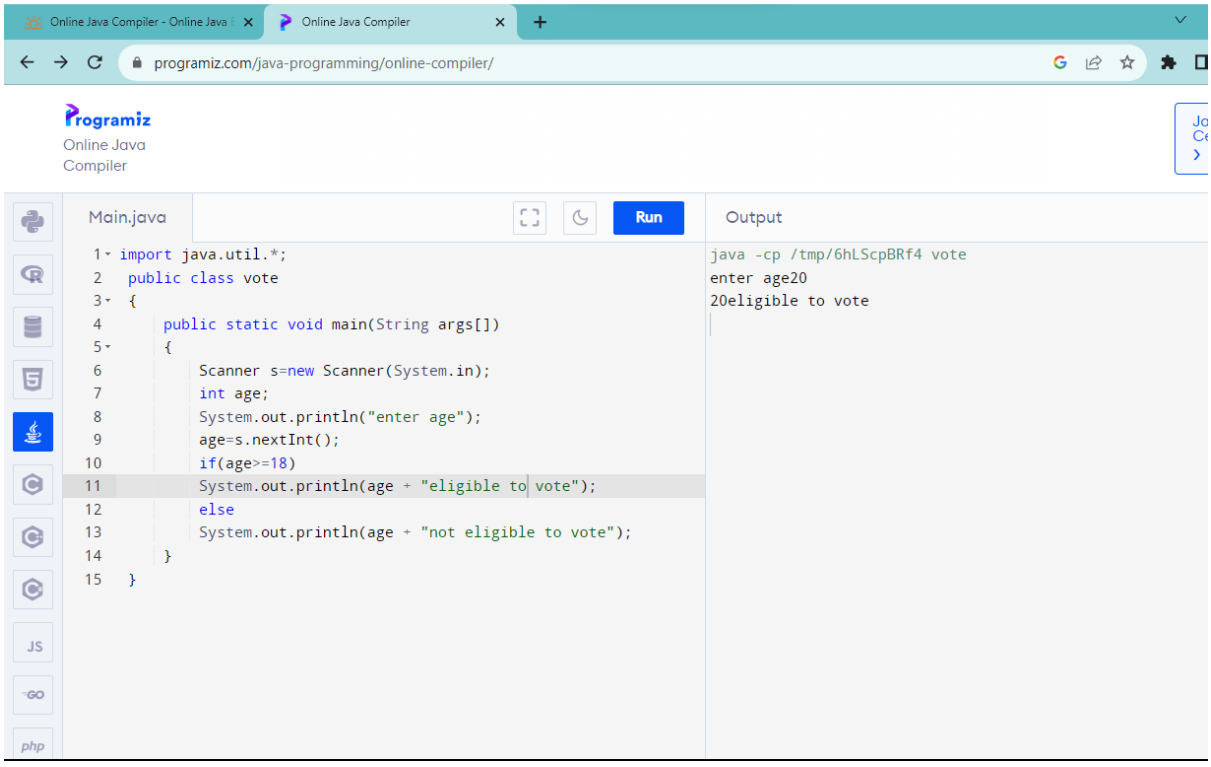
6.Eligible to vote

```
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");
   }
}
```



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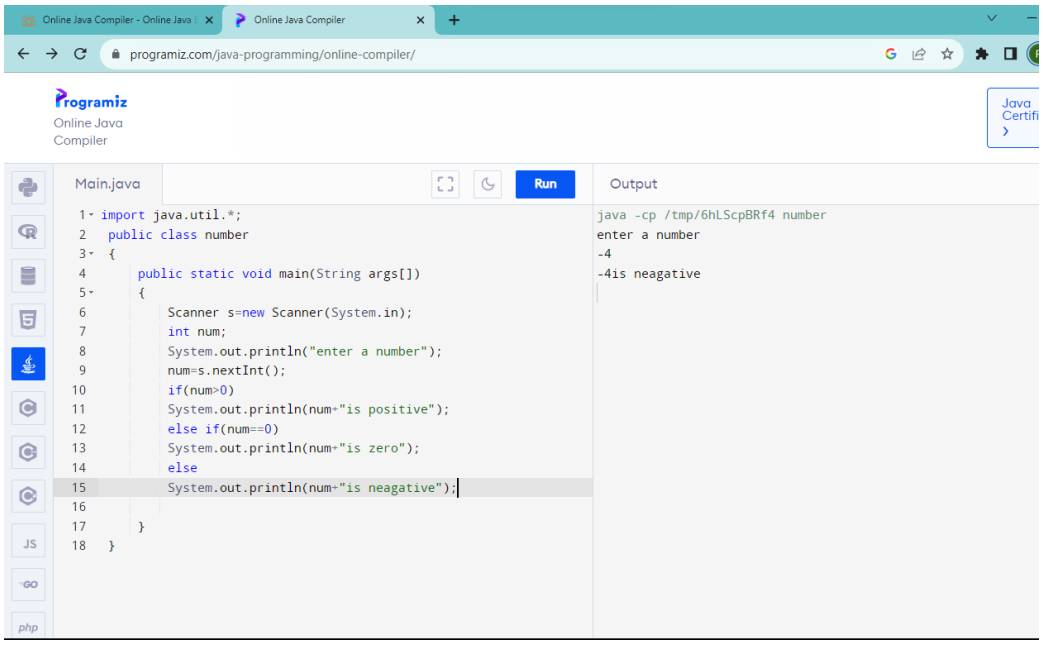
7.positive,negative,zero

```
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();
       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");


   }
}
```



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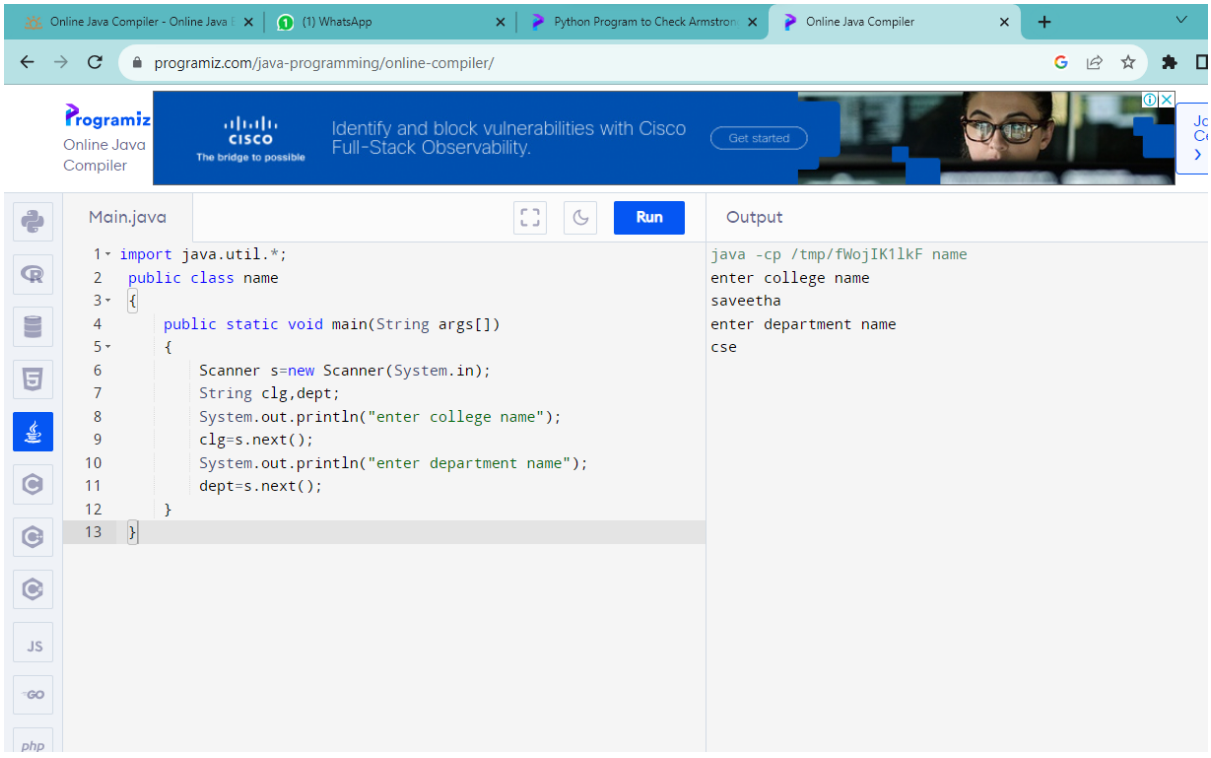
8.College name and dept

```
import java.util.*;
 public class name
{
   public static void main(String args[])
   {
      Scanner s=new Scanner(System.in);
      String clg,dept;
      System.out.println("enter college name");
      clg=s.next();
      System.out.println("enter department name");
      dept=s.next();
   }
}
```



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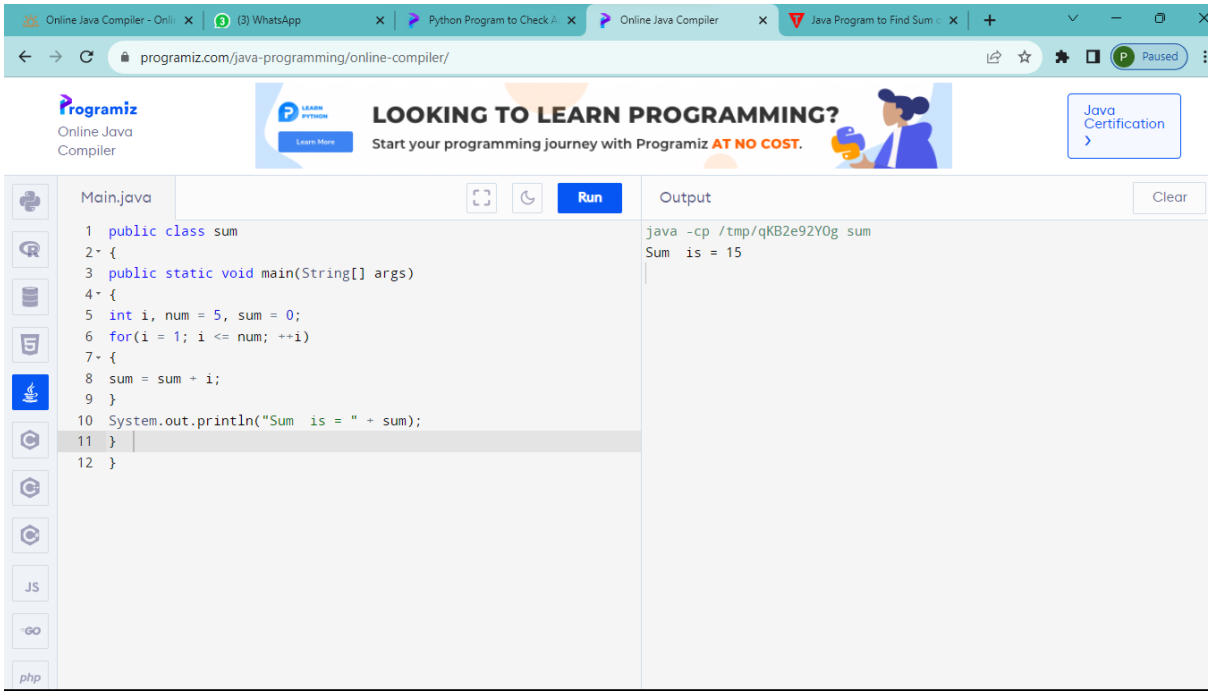
9.Sum of number

```
public class sum
{
public static void main(String[] args)
{
int i, num = 5, sum = 0;
for(i = 1; i <= num; ++i)
{
sum = sum + i;
}
System.out.println("Sum  is = " + sum);
}
}
```



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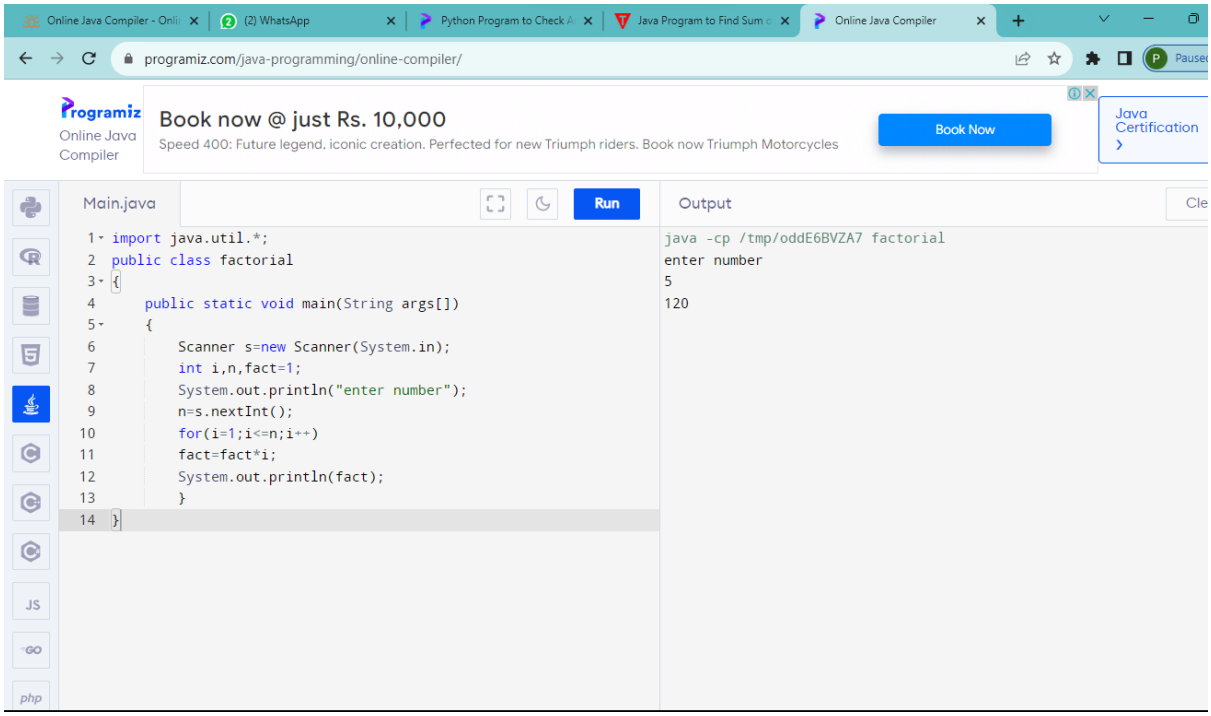
10.factorial

```
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);

      }

}
```



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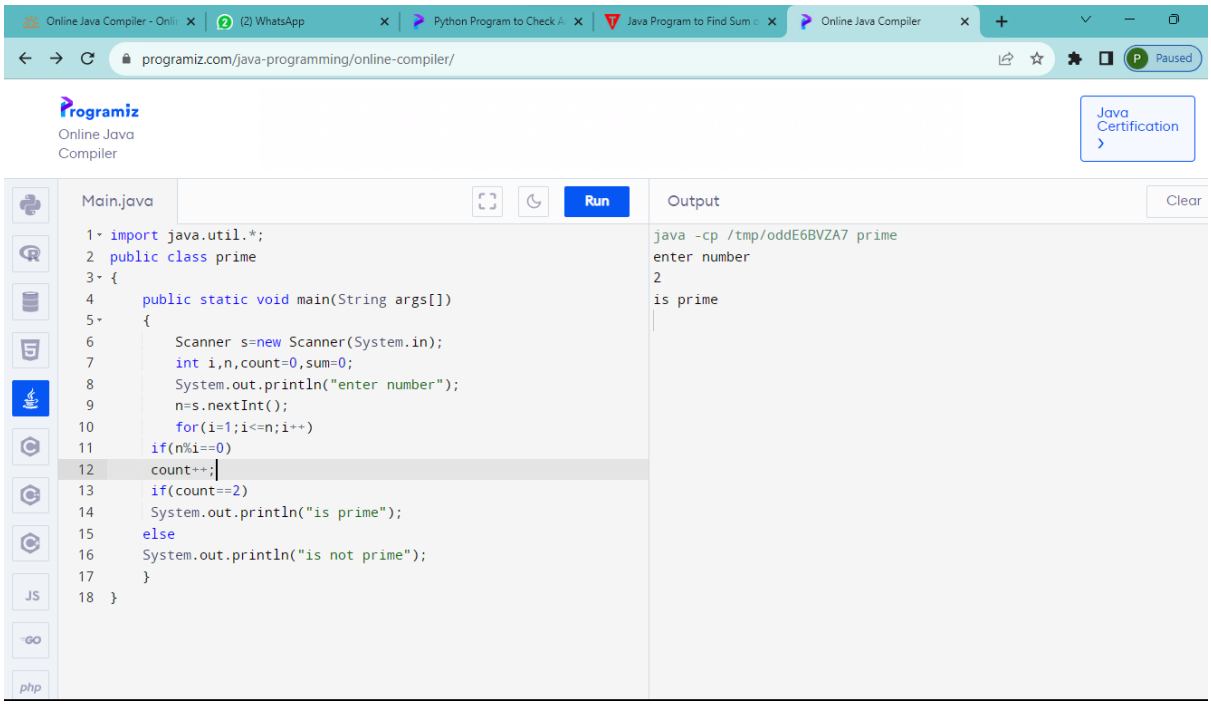
11.Prime number

```
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");

   }

}
```



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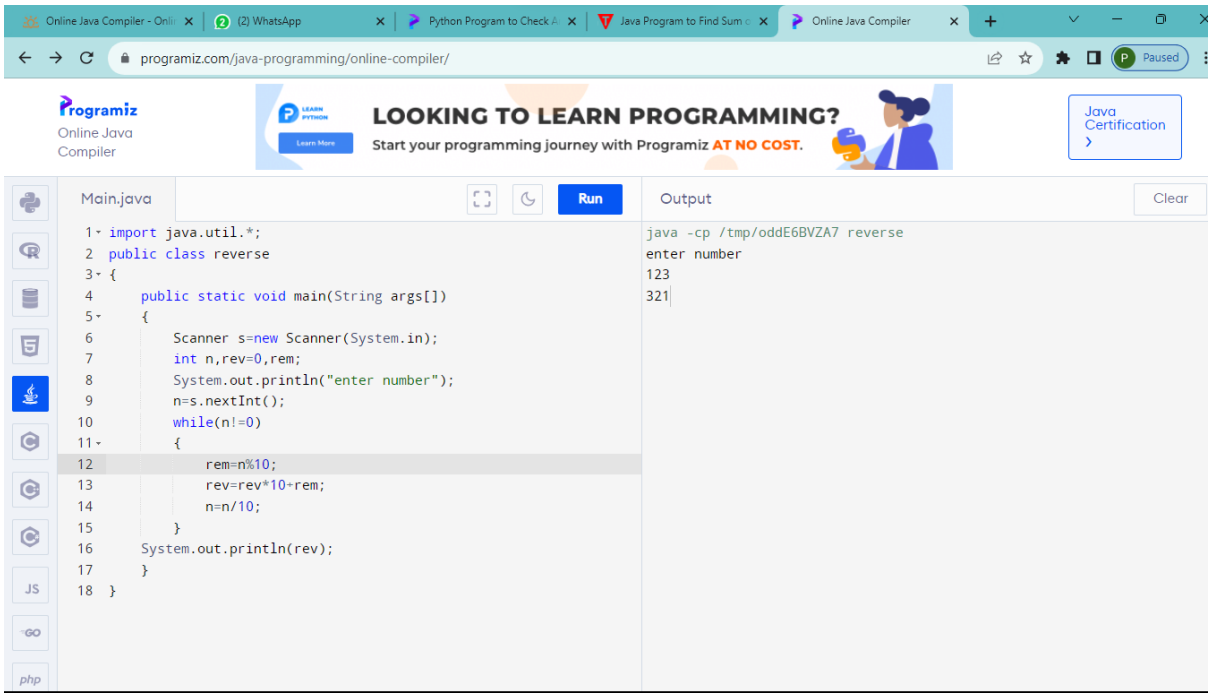
12.Reverse

```
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);

   }

}
```



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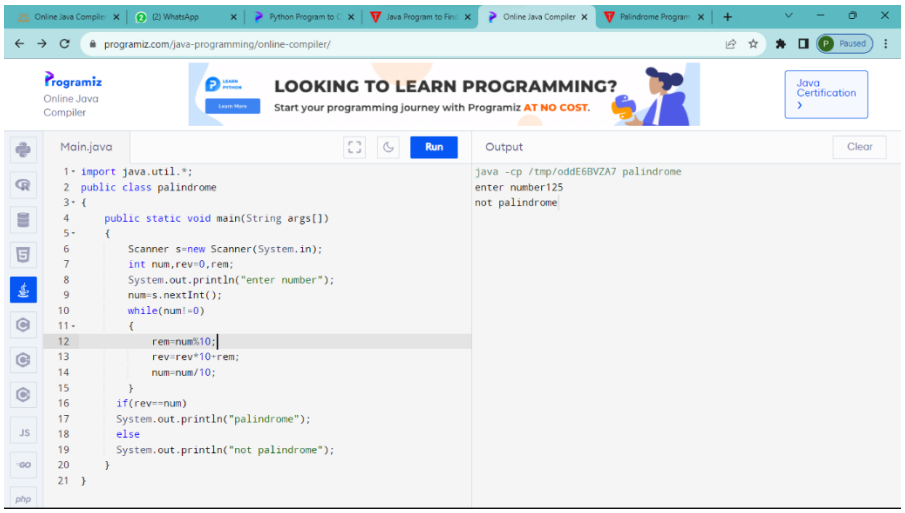
13.palindrome

```
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");
   }
}
```



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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");
   }
}
```

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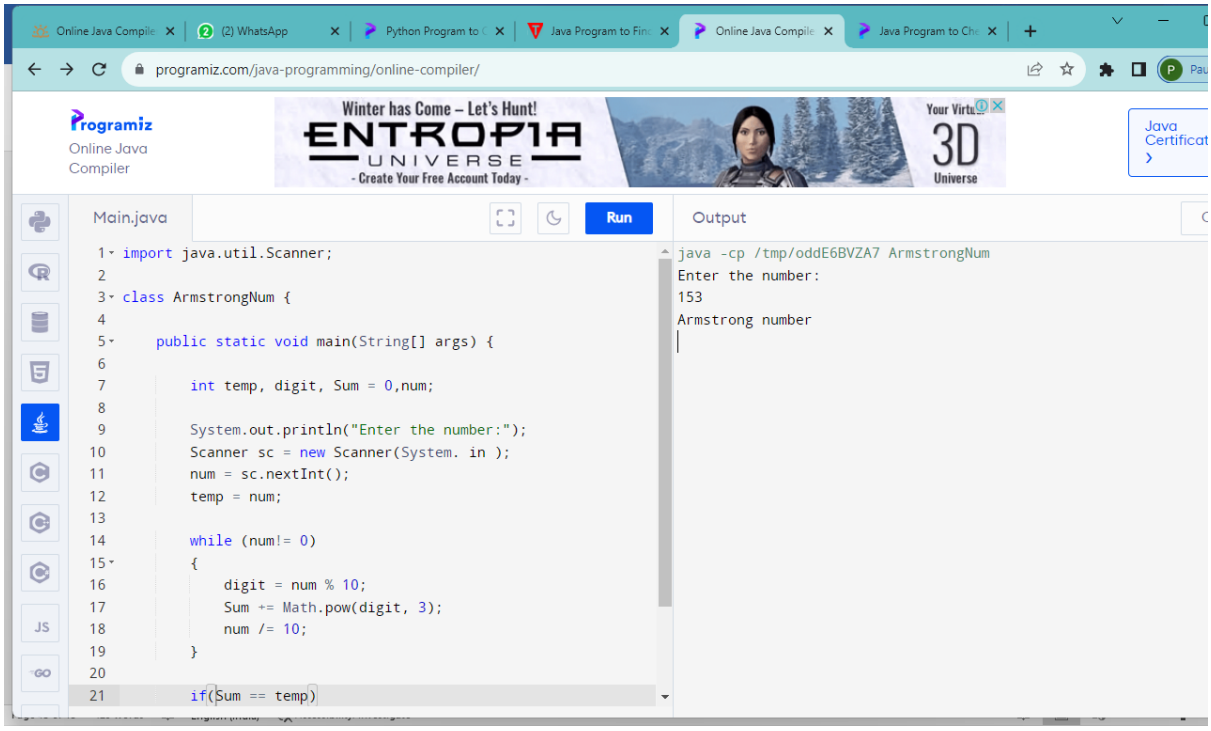

15.fibonacci series

```
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+" ");

      }
```

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```
    }
}
```