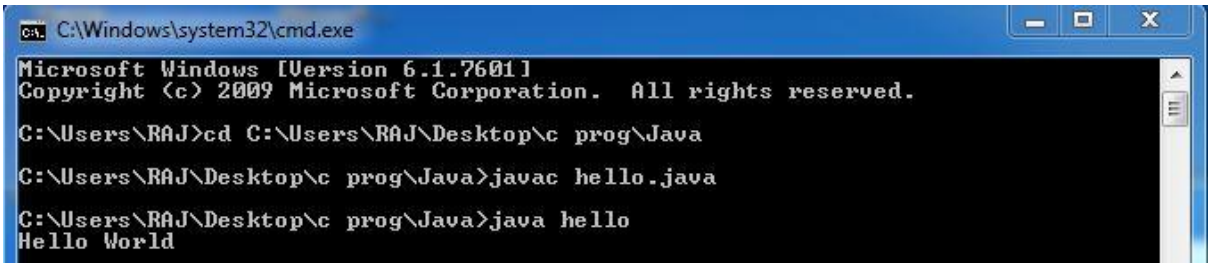
1 Write a Java Program to Print “Hello World”

```
class hello
{
	public static void main(String[] args)
	{
		System.out.println("Hello World");
	}
}
```



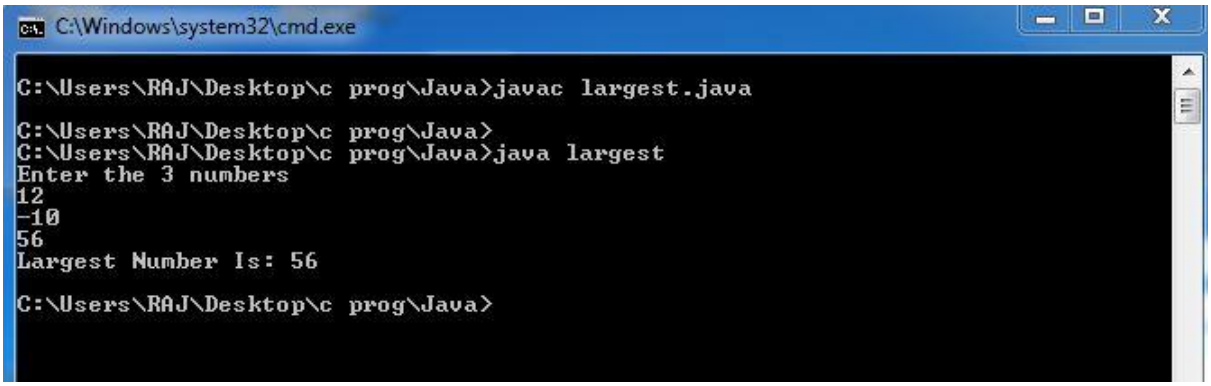
2 Write a Java program to find largest of three numbers using if construct

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

		int a,b,c,large;
		Scanner in=new Scanner(System.in);
		System.out.println("Enter the 3 numbers");
		a=in.nextInt();
		b=in.nextInt();
```

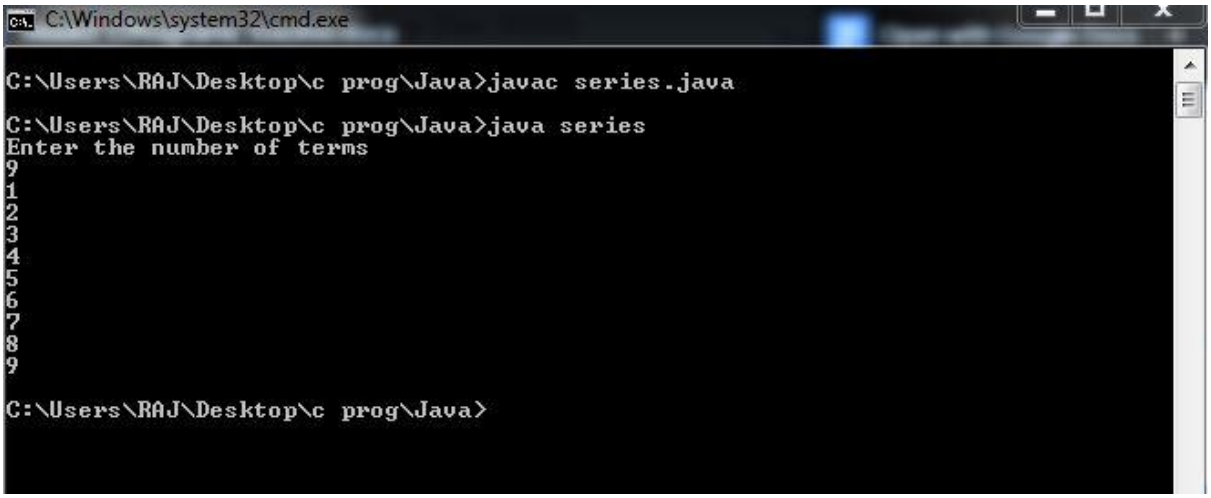
```
            c=in.nextInt();
            if(a>b)
            {
                  if(a>c)
                  large=a;
                  else
                  large=c;
            }
            else
            {
                  if(b>c)
                  large=b;
                  else
                  large=c;
            }
            System.out.println("Largest Number Is: "+large);

      }
}
```



3. Write a Java program to print the values from 1 to n by taking input from the user

```
import java.util.*;
class series
{
	public static void main(String[] args)
	{
		Scanner in= new Scanner(System.in);
		int n;
		System.out.println("Enter the number of terms");
		n=in.nextInt();
		for(int i=1;i<=n;i++)
		{
			System.out.println(i+" ");
		}
	}
}
```



4. Write a Java program to accept a number n from the user and print n rows of output as

given below if n=4.

1

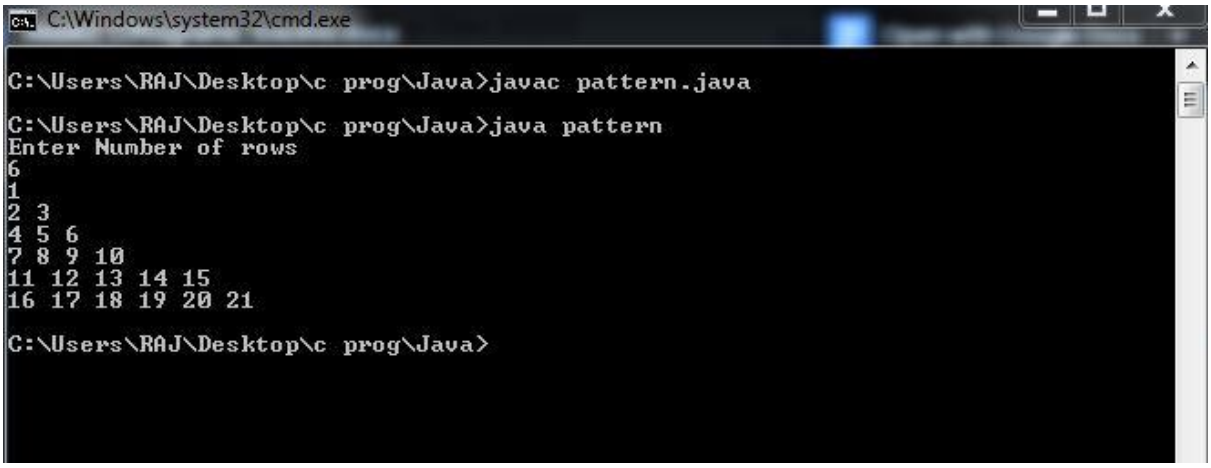
2 3

4 5 6

7 8 9 10

```
import java.util.*;
class pattern
{
  public static void main(String[] args)
        {
                int n,a=1;
                Scanner in= new Scanner(System.in);
                System.out.println("Enter Number of rows");
                n=in.nextInt();
                for(int i=1;i<=n;i++)
                {
                        for(int j=1;j<=i;j++)
                        {
                                System.out.print(a++ +" ");
                        }
                        System.out.println();
```

```
            }
        }
}
```

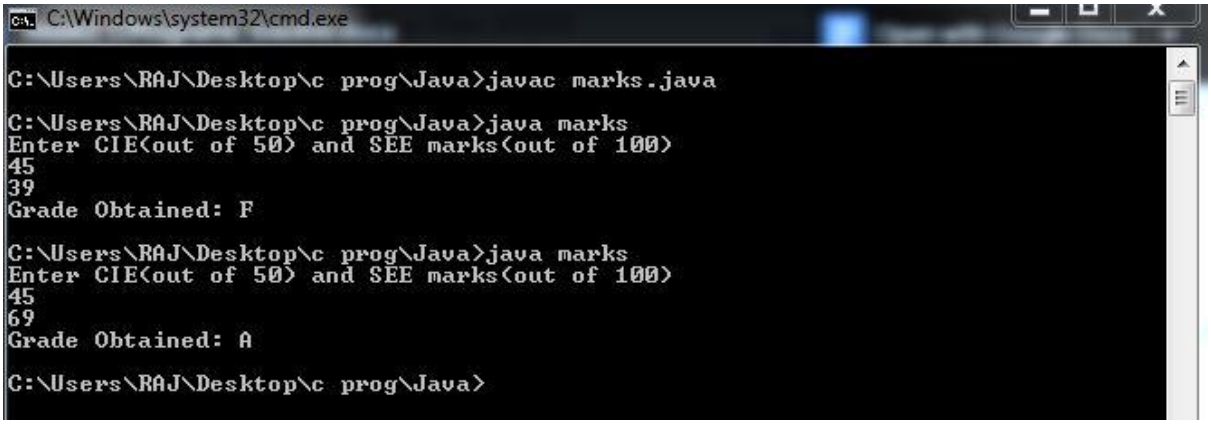


5. Write a Java program to accept the CIE marks (Out of 50) and SEE marks (Out of 100)

of a student and print his/her grade. Use if… elseif ladder

```
import java.util.*;
class marks
{
  public static void main(String[] args)
  {
        float cie,see;
        char grade;
        Scanner in= new Scanner(System.in);
        System.out.println("Enter CIE(out of 50) and SEE marks(out of 100)");
        cie=in.nextInt();
```

```
        see=in.nextInt();
        float tot= cie+(see/2);
        if(tot>=89.5&&tot<=100)
        grade='S';
        else if(tot>=79.5&&tot<89.5)
        grade='A';
        else if(tot>=69.5&&tot<79.5)
        grade='B';
        else if(tot>=59.5&&tot<69.5)
        grade='c';
        else if (tot>=49.5&&tot<59.5)
        grade='D';
        else if(tot>=39.5&&tot<49.5)
        grade='E';
        else
        grade='F';
        if(cie<19.5||see<39.5)
        grade='F';
        System.out.println("Grade Obtained: "+grade);
  }
}
```



6. Write a C/Java program to print the prime numbers between given two integers

(inclusive). Accept these two integers from the user.

```
import java.util.*;
class primenos
{
  public static void main(String[] args)
  {
        int a,b,flag=0,chck=0;
        Scanner in= new Scanner(System.in);
        System.out.println("Enter the 2 numbers");
        a=in.nextInt();
        b=in.nextInt();
        System.out.println("Prime numbers between "+a+" and "+b+":");
        for(int i=a;i<=b;i++)
        {
              flag=0;
```

```
            for(int j=2;j<=i/2;j++)
            {
                if(i%j==0)
                flag++;
            }
            if(flag==0&&i!=1)
            {
                System.out.print(i+" ");
                chck++;
            }
        }
        if(chck==0)
        System.out.println("Don't Exist");
  }
}
```