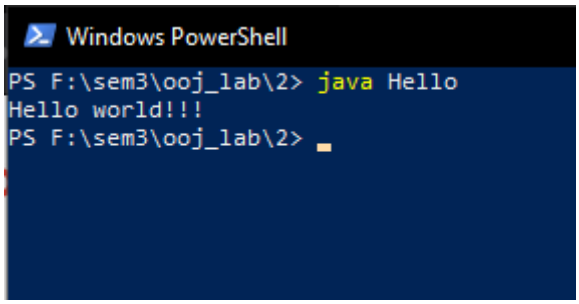
1) Write a Java Program to Print Hello World

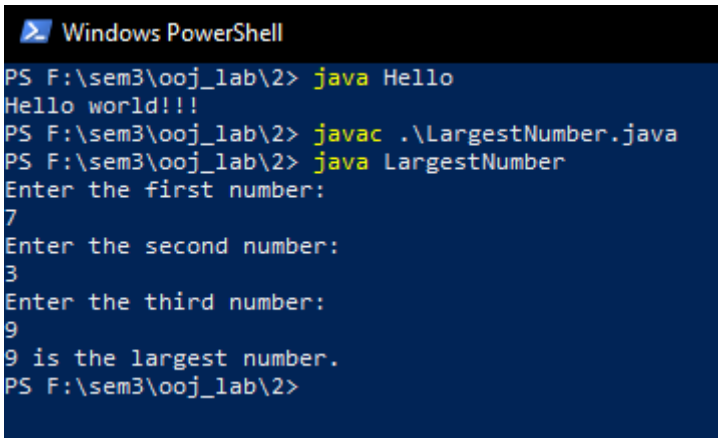
```
class Hello{
    public static void main(String args[]){
     System.out.println("Hello world!!!");
    }
}
```



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

```
import java.util.Scanner;

class LargestNumber

{

  public static void main(String[] args)

  {

    int a, b, c;

    Scanner in = new Scanner(System.in);

    System.out.println("Enter the first number:");

    a = in.nextInt();

    System.out.println("Enter the second number:");

    b = in.nextInt();

    System.out.println("Enter the third number:");

    c = in.nextInt();

    if( a >= b && a >= c)

      System.out.println(a + " is the largest number.");
```

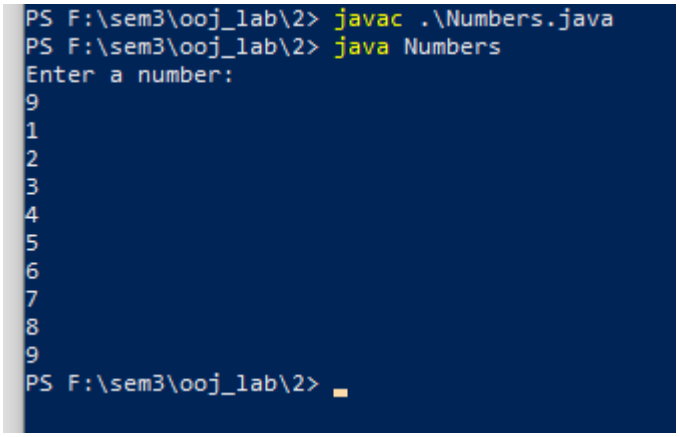
```
    else if (b >= a && b >= c)
      System.out.println(b + " is the largest number.");
    else
      System.out.println(c + " is the largest number.");
  }
}
```



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

```
import java.util.Scanner;
class Numbers
{
  public static void main(String args[])
  {
    int n;
    Scanner in =new Scanner(System.in);
    System.out.println("Enter a number:");
    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

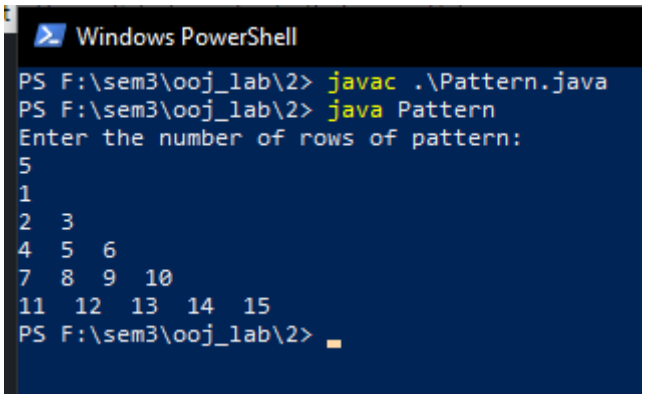
2 3

4 5 6

7 8 9 10

```
import java.util.Scanner;
class Pattern
{
  public static void main(String args[])
  {
    int n, c=1;
    Scanner in =new Scanner(System.in);
    System.out.println("Enter the number of rows of pattern:");
    n= in.nextInt();
```

```
    for (int i=1 ;i<=n ;i++)
    {
      for (int j=1 ;j<=i ;j++,c++)
        System.out.print(c+"");
      System.out.println();
    }
  }
}
```

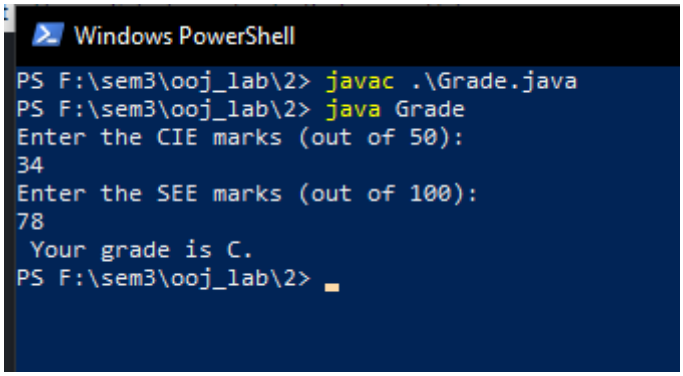


5. Write a Java program to accept the CIE marks (Out of 50) and SEE marks (Out of 100)

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

```
import java.util.Scanner;
class Grade
{
  public static void main(String[] args)
  {
    int CIE,SEE, total ;
    Scanner in = new Scanner(System.in);
    System.out.println("Enter the CIE marks (out of 50):");
    CIE= in.nextInt();
    System.out.println("Enter the SEE marks (out of 100):");
```

```
    SEE = in.nextInt();
    total= CIE+ SEE/2;
    if(total>=90)
      System.out.println(" Your grade is A.");
    else if (total>=80)
      System.out.println(" Your grade is B.");
    else if (total>=60)
      System.out.println(" Your grade is C.");
    else if (total>=40)
      System.out.println(" Your grade is D.");
    else
      System.out.println(" Your grade is E.");
  }
}
```



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.Scanner;
class Prime
{
      public static void main(String[] args)
```

```
	{
		Scanner in=new Scanner(System.in);
		System.out.print("Enter Starting Number : ");
		int start = in.nextInt();
		System.out.print("Enter Ending Number : ");
		int end = in.nextInt();
		System.out.println("Prime numbers between "+start+" and
"+end+" are : ");
		int count;
		for(int i = start ; i <= end ; i++)
		{
			count = 0;
			for(int j = 2 ; j <= i/2 ; j++)
			{
				if(i % j == 0)
					count = count+1;
			}
			if(count == 0)
				System.out.println(i+"  ");
		}
	}
}
```