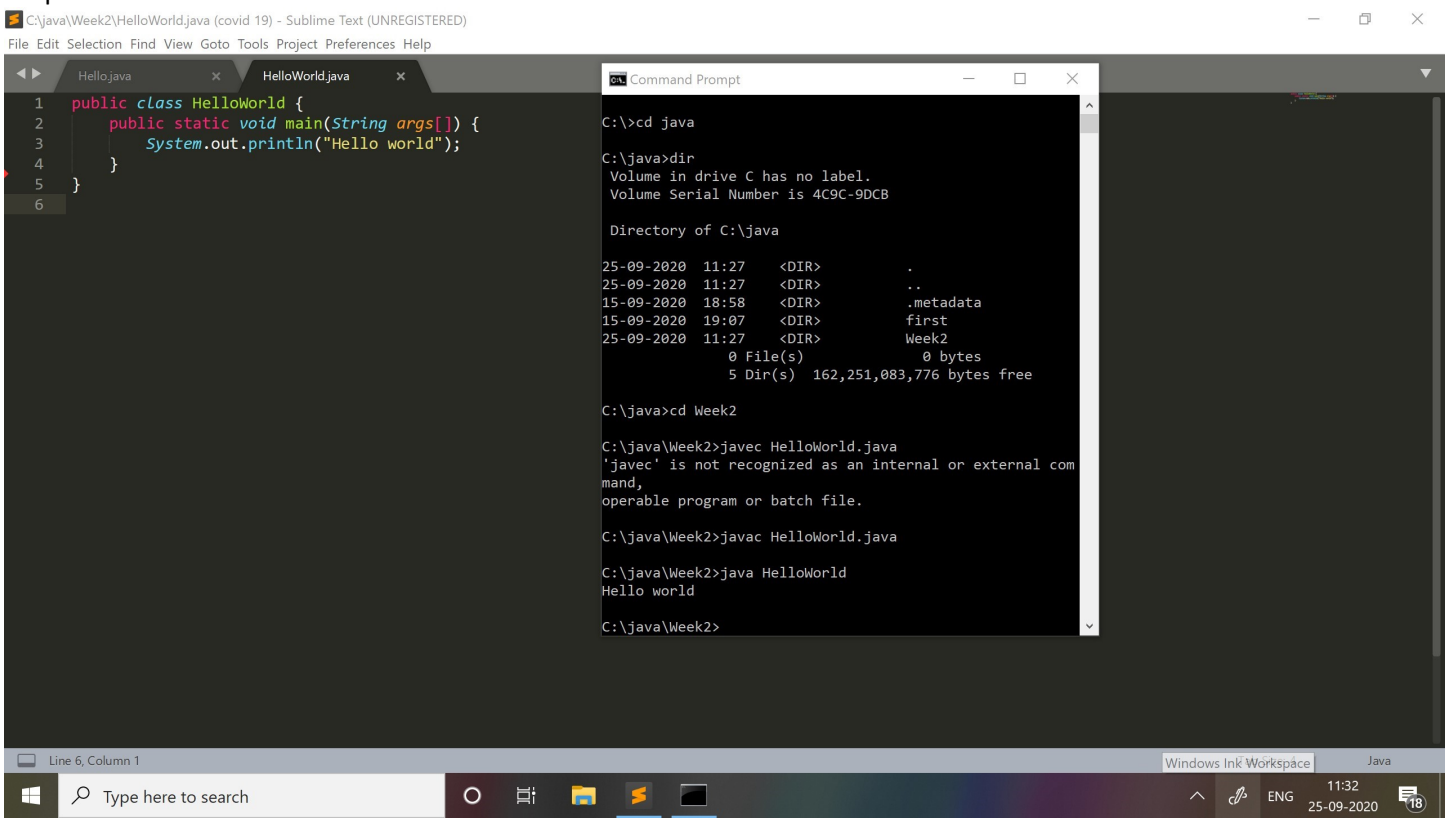
1. public class HelloWorld {

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

        System.out.println("Hello world");

    }
```

}

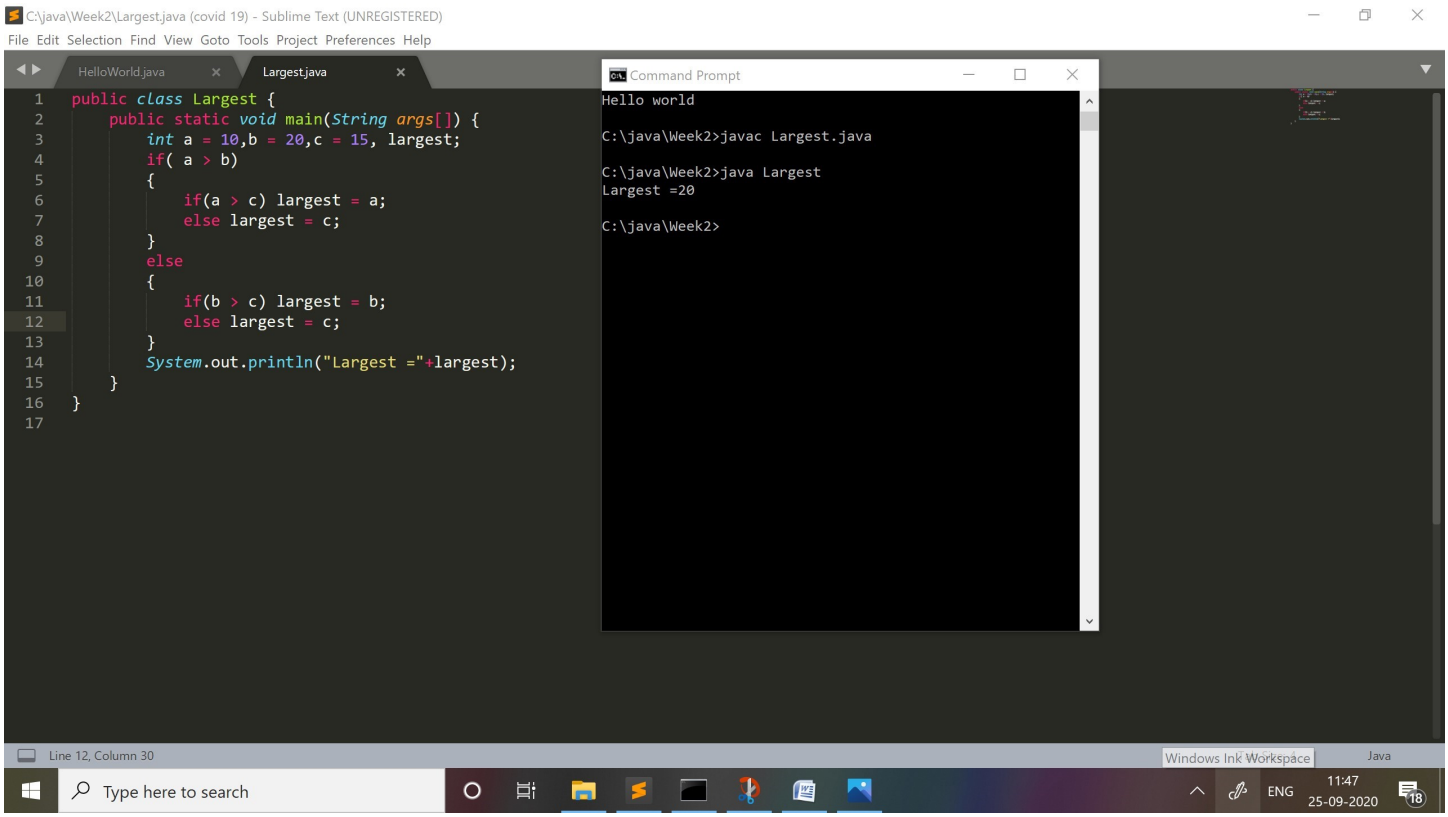
Output:



2. public class Largest {

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

        int a = 10,b = 20,c = 15, largest;

        if( a > b)

        {

            if(a > c) largest = a;

            else largest = c;

        }

        else

        {
```

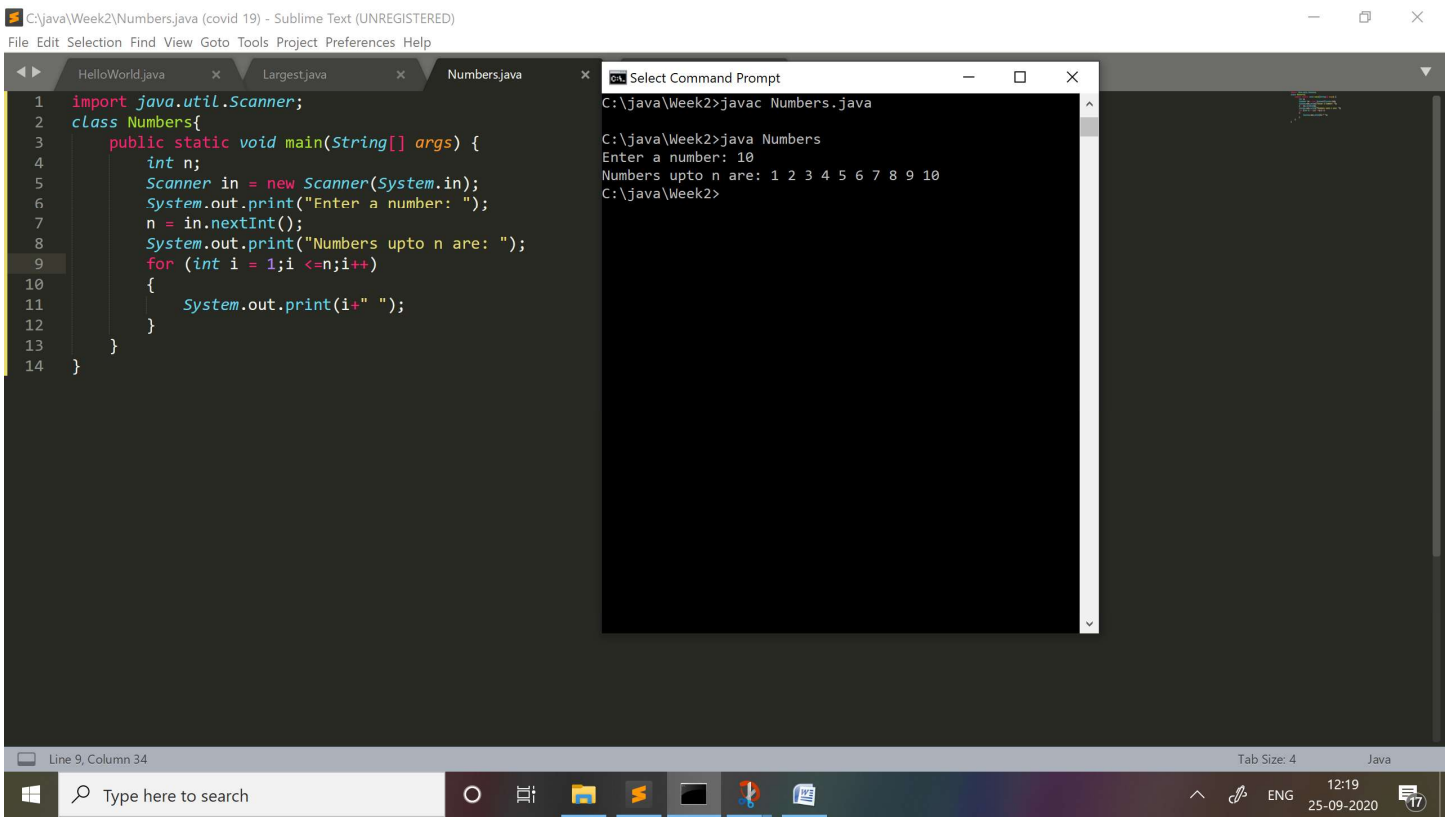
```
            if(b > c) largest = b;
            else largest = c;
        }
        System.out.println("Largest ="+largest);
    }
}
```



3. import java.util.Scanner;

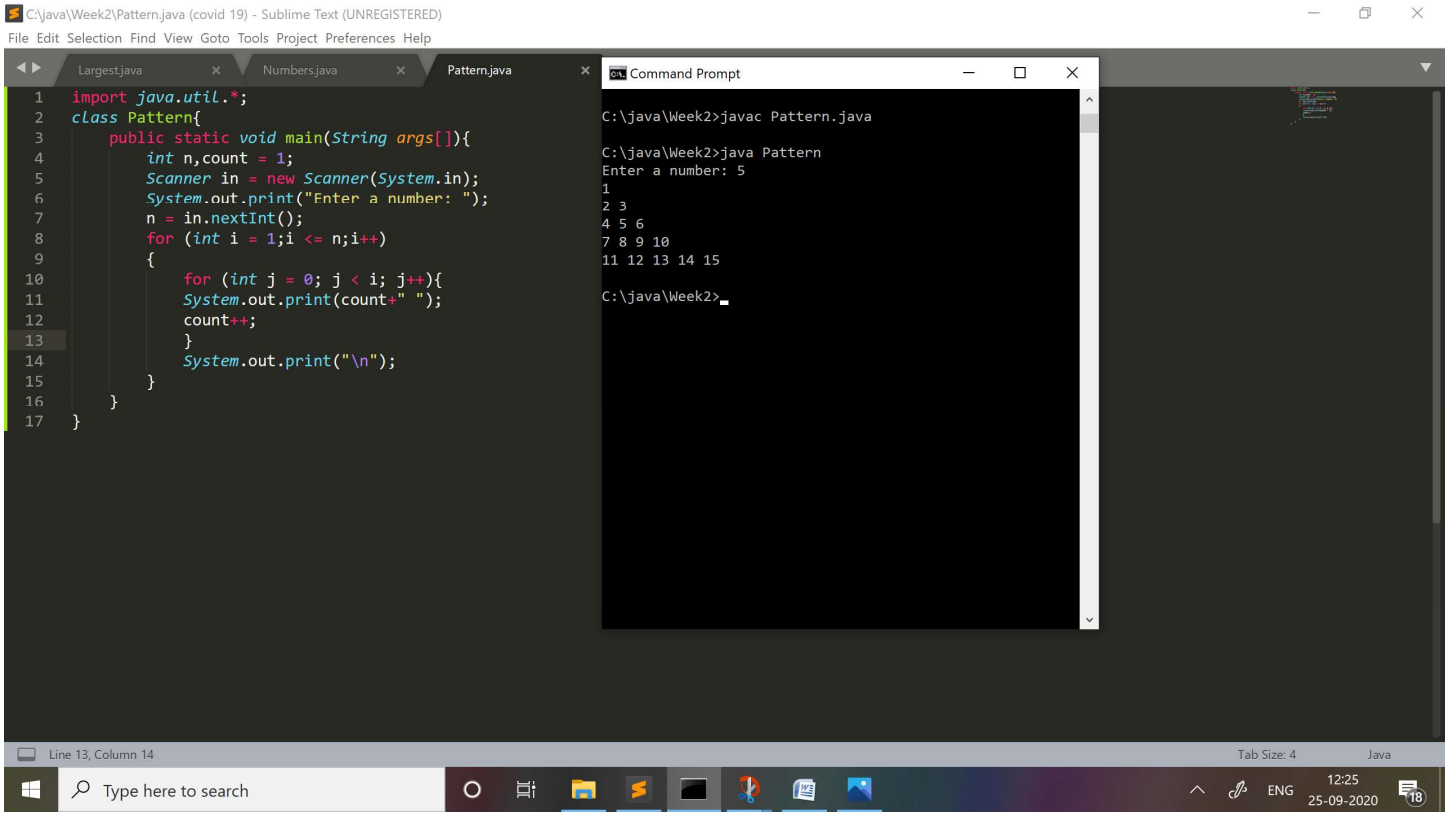
```
class Numbers{
    public static void main(String[] args) {
        int n;
        Scanner in = new Scanner(System.in);
        System.out.print("Enter a number: ");
        n = in.nextInt();
        System.out.print("Numbers upto n are: ");
        for (int i = 0;i < n;i++)
        {
```

```
                System.out.print(i+" ");
            }
        }
}
```



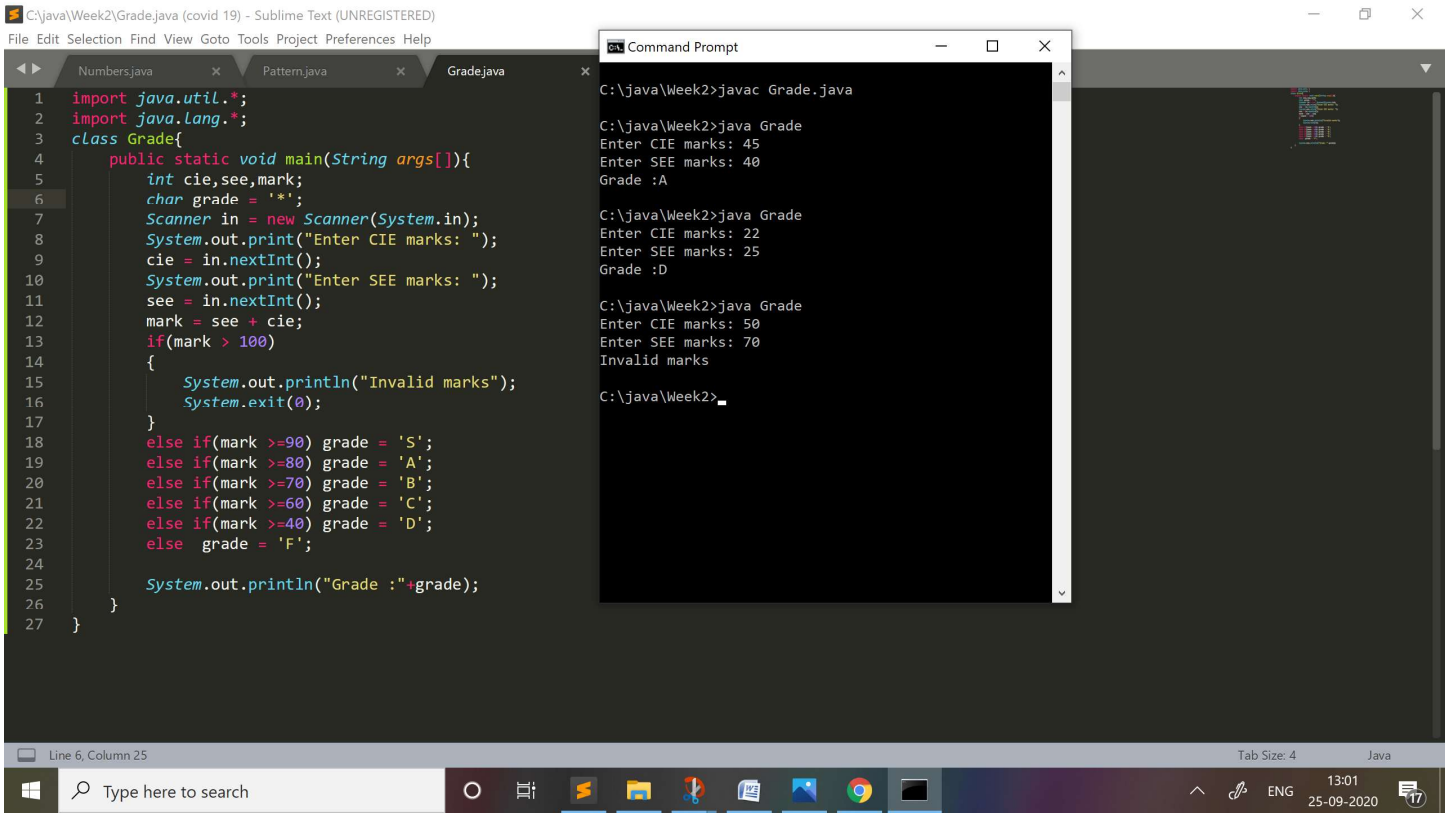
4.
```
import java.util.*;

class Pattern{

        public static void main(String args[]){

                int n,count = 1;

                Scanner in = new Scanner(System.in);

                System.out.print("Enter a number: ");

                n = in.nextInt();

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

                {

                        for (int j = 0; j < i; j++){

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

                        count++;

        }
```

```
            System.out.print("\n");
        }
    }
}
```



5.
```
import java.util.*;
import java.lang.*;
class Grade{
    public static void main(String args[]){
        int cie,see,mark;
        char grade = '*';
        Scanner in = new Scanner(System.in);
        System.out.print("Enter CIE marks: ");
        cie = in.nextInt();
        System.out.print("Enter SEE marks: ");
        see = in.nextInt();
        mark = see + cie;
        if(mark > 100)
        {
```

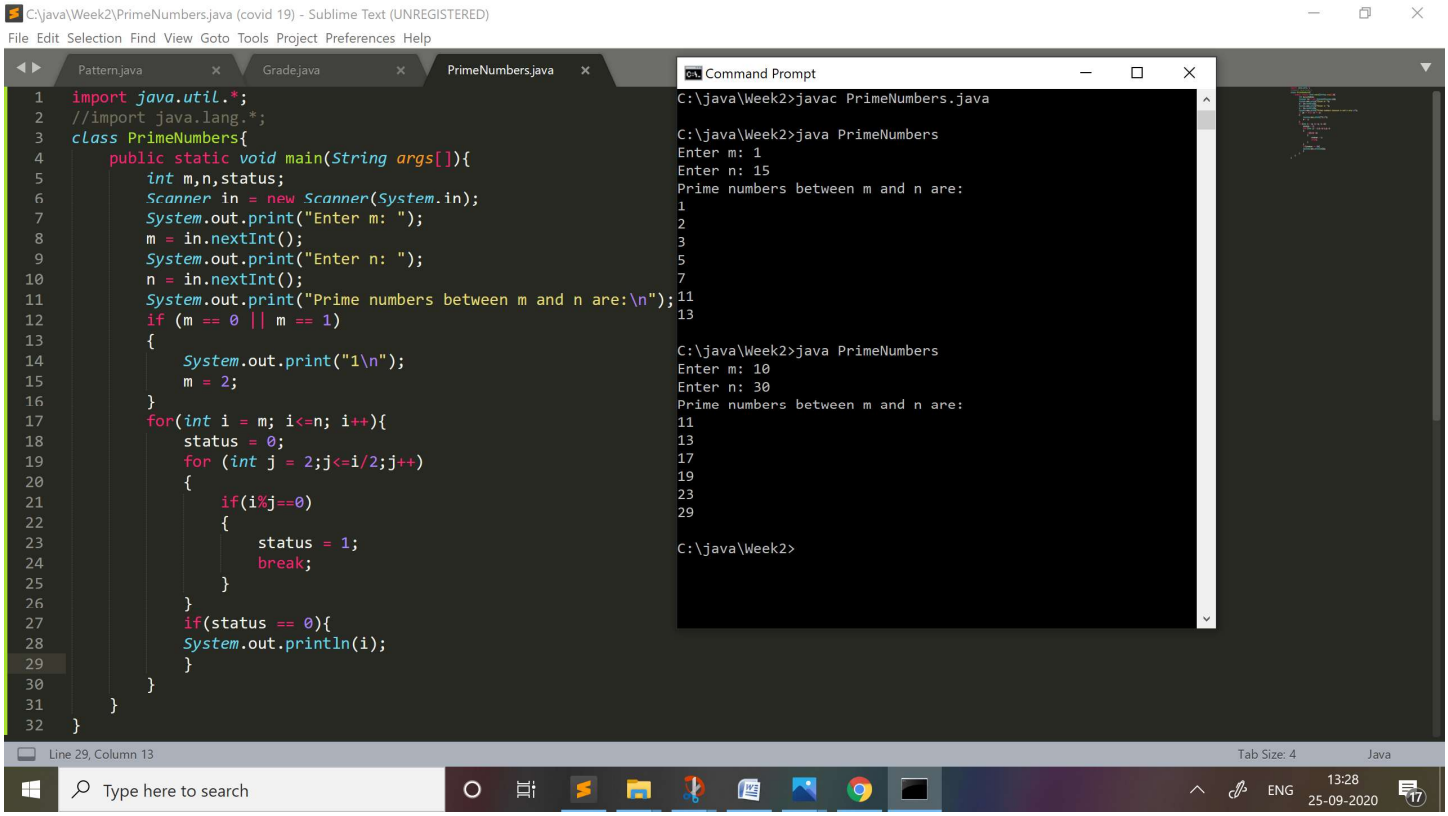
```
        System.out.println("Invalid marks");
                System.exit(0);
            }
            else if(mark >=90) grade = 'S';
            else if(mark >=80) grade = 'A';
        else if(mark >=70) grade = 'B';
        else if(mark >=60) grade = 'C';
        else if(mark >=40) grade = 'D';
        else  grade = 'F';

        System.out.println("Grade :"+grade);
    }
}
```



6.

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

```
        int m,n,status;
        Scanner in = new Scanner(System.in);
        System.out.print("Enter m: ");
        m = in.nextInt();
        System.out.print("Enter n: ");
        n = in.nextInt();
        System.out.print("Prime numbers between m and n are:\n");
        if (m == 0 || m == 1)
        {
            System.out.print("1\n");
            m = 2;
        }
        for(int i = m; i<=n; i++){
            status = 0;
            for (int j = 2;j<=i/2;j++)
            {
                if(i%j==0)
                {
                    status = 1;
                    break;
                }
            }
            if(status == 0){
            System.out.println(i);
       }
        }
    }
}
```


C:\java\Week2\PrimeNumbers.java (covid 19) - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
Pattern.java
Grade.java
PrimeNumbers.java
import java.util.*;
//import java.lang.*;
class PrimeNumbers{
public static void main(String args[]){
int m,n,status;
Scanner in = new Scanner(System.in);
System.out.print("Enter m: ");
m = in.nextInt();
System.out.print("Enter n: ");
n = in.nextInt();
System.out.print("Prime numbers between m and n are:\n");
if (m == 0 || m == 1)
{
System.out.print("1\n");
m = 2;
}
for(int i = m; i<=n; i++){
status = 0;
for (int j = 2;j<=i/2;j++)
{
if(i%j==0)
{
status = 1;
break;
}
}
if(status == 0){
System.out.println(i);
}
}
}
}
Command Prompt
C:\java\Week2>javac PrimeNumbers.java
C:\java\Week2>java PrimeNumbers
Enter m: 1
Enter n: 15
Prime numbers between m and n are:
1
2
3
5
7
11
13
C:\java\Week2>java PrimeNumbers
Enter m: 10
Enter n: 30
Prime numbers between m and n are:
11
13
17
19
23
29
C:\java\Week2>
Line 29, Column 13
Tab Size: 4
Java
Type here to search
ENG
13:28
25-09-2020