

PrintingPattern - Notepad

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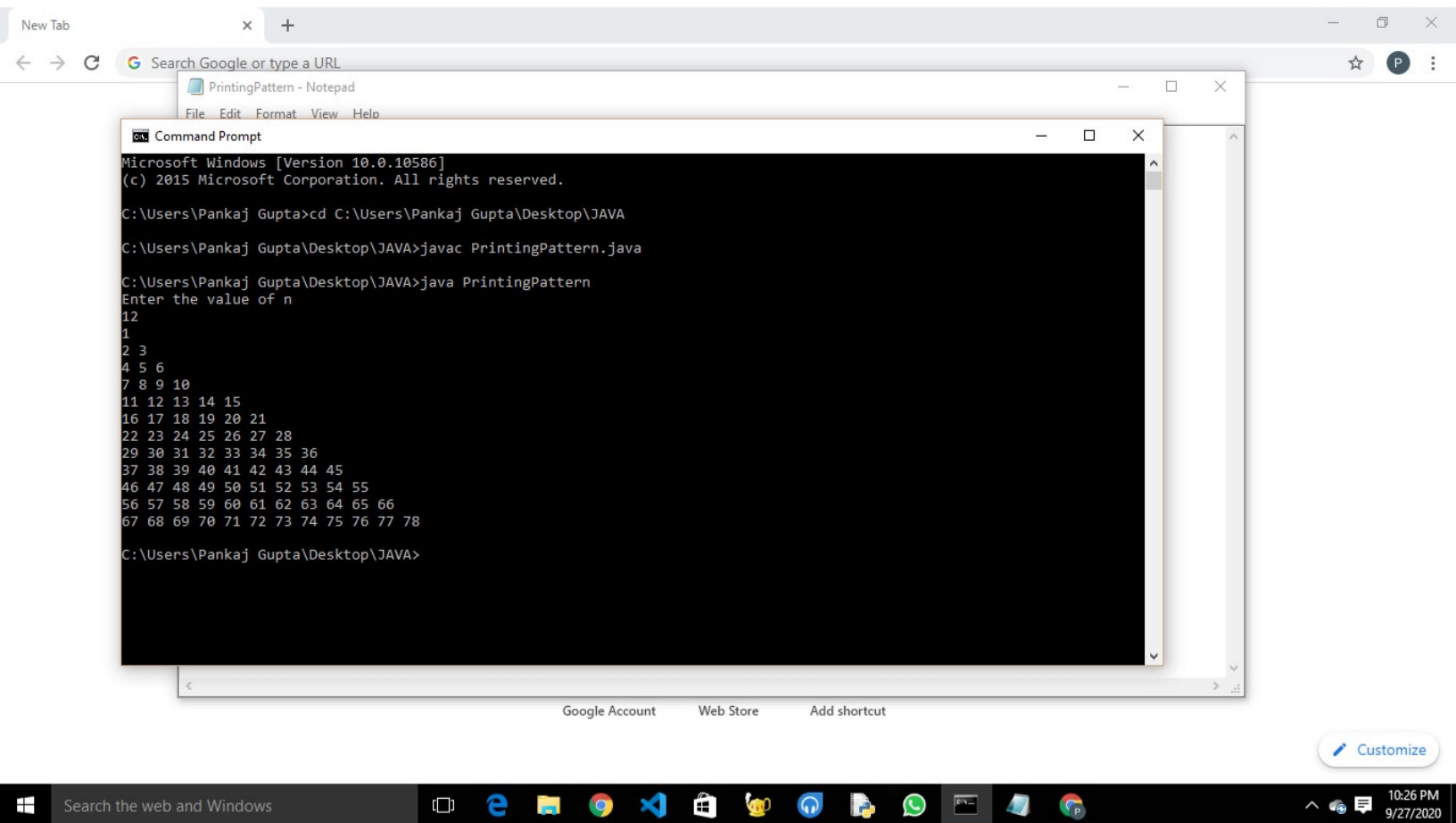
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```
import java.util.Scanner;
class PrintingPattern{
public static void main(String args[]){
int n,a=1;
Scanner in=new Scanner(System.in);
System.out.println("Enter the value of n");
n=in.nextInt();
for(int i=1;i<=n;i++){
for(int j=1;j<=i;j++){
System.out.print(a+"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

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PrintingValues - Notepad

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```
//Java program to print values from 1 to n taking input from the user
import java.util.Scanner;
class PrintingValues{
public static void main(String args[]){
int n;
Scanner in=new Scanner(System.in);
System.out.println("Enter the value of n");
n=in.nextInt();
for(int i=1;i<=n;i++){
System.out.println(i);
}
}
}
```

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Command Prompt

C:\Users\Pankaj Gupta\Desktop\JAVA>javac PrintingValues.java

C:\Users\Pankaj Gupta\Desktop\JAVA>java PrintingValues

Enter the value of n

15

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

```
import java.util.*;
class Grade{
    public static void main(String args[]){
        float cie,see,marks;
        Scanner in=new Scanner(System.in);
        System.out.println("Enter the CIE marks out of 50");
        cie=in.nextFloat();
        System.out.println("Enter the SEE marks out of 100");
        see=in.nextFloat();
        marks=cie+see/2;
        if(marks<=100 && marks>=90){
            System.out.println("Grade = S and mrks = "+marks);
        }
        else if(marks<=89 && marks>=80){
            System.out.println("Grade = A and marks = "+marks);
        }
        else if(marks<=79 && marks>=70){
            System.out.println("Grade = B and marks = "+marks);
        }
        else if(marks<=69 && marks>=60){
            System.out.println("Grade = C and marks = "+marks);
        }
        else if(marks<=59 && marks>=50){
            System.out.println("Grade = D and marks = "+marks);
        }
        else if(marks<=49 && marks>=50){
            System.out.println("Grade = E and marks = "+marks);
        }
        else{
            System.out.println("Grade = F and marks = "+marks);
        }
    }
}
```

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

```
C:\Users\Pankaj Gupta\Desktop\JAVA>javac Grade.java
```

```
C:\Users\Pankaj Gupta\Desktop\JAVA>java Grade
```

```
Enter the CIE marks out of 50
```

```
40
```

```
Enter the SEE marks out of 100
```

```
70
```

```
Grade = B and marks = 75.0
```

```
C:\Users\Pankaj Gupta\Desktop\JAVA>_
```

```
}  
}
```

PrimeNumbers - Notepad

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```
/*Java program to print prime numbers between given two numbers*/
import java.util.*;
class PrimeNumbers{
public static void main(String args[]){
int n,m;
Scanner in=new Scanner(System.in);
System.out.println("Enter the values of m and n");
m=in.nextInt();
n=in.nextInt();
for(int i=m;i<=n;i++){
int c=0;
for(int j=1;j<=i;j++){
if(i%j==0){
c++;}
}if(c==2)
{
System.out.println(i);
}
}
}
}
```

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Command Prompt

C:\Users\Pankaj Gupta\Desktop\JAVA>javac PrimeNumbers.java

C:\Users\Pankaj Gupta\Desktop\JAVA>java PrimeNumbers

Enter the values of m and n

4

50

5

7

11

13

17

19

23

29

31

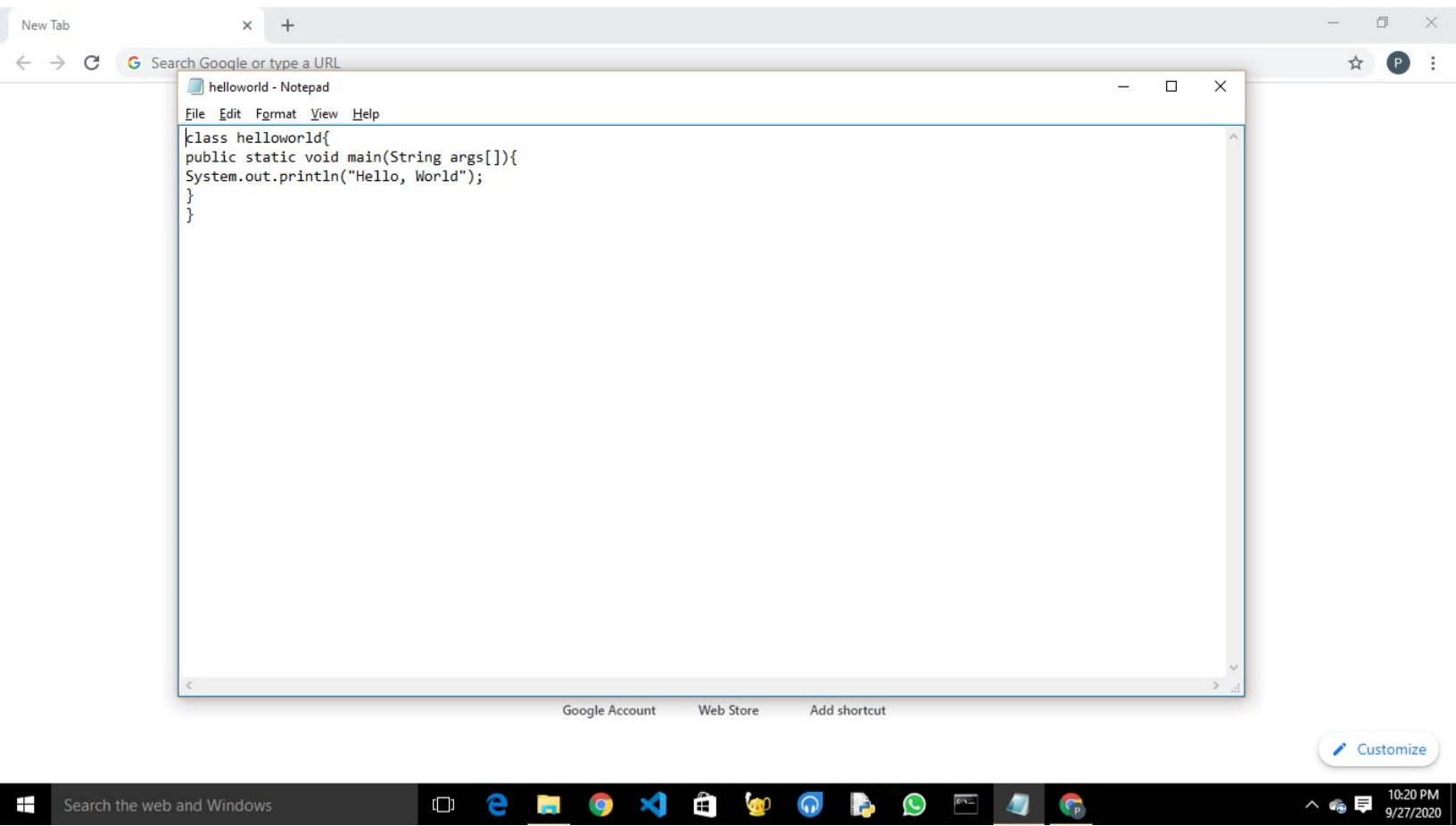
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47

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```
Command Prompt
Microsoft Windows [Version 10.0.10586]
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C:\Users\Pankaj Gupta>cd C:\Users\Pankaj Gupta\Desktop\JAVA

C:\Users\Pankaj Gupta\Desktop\JAVA>javac helloworld.java

C:\Users\Pankaj Gupta\Desktop\JAVA>java helloworld
Hello, World

C:\Users\Pankaj Gupta\Desktop\JAVA>
```

LargestOfThreeNo - Notepad

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```
class LargestOfThreeNo{
public static void main(String args[]){
int a=10,b=12,c=8;
if(a>b && b>c){
System.out.println("Largest is "+a);
}
else if(b>a && b>c){
System.out.println("Largest is "+b);
}
else{
System.out.println("Largest is "+c);
}
}
}
```

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