// Hello world

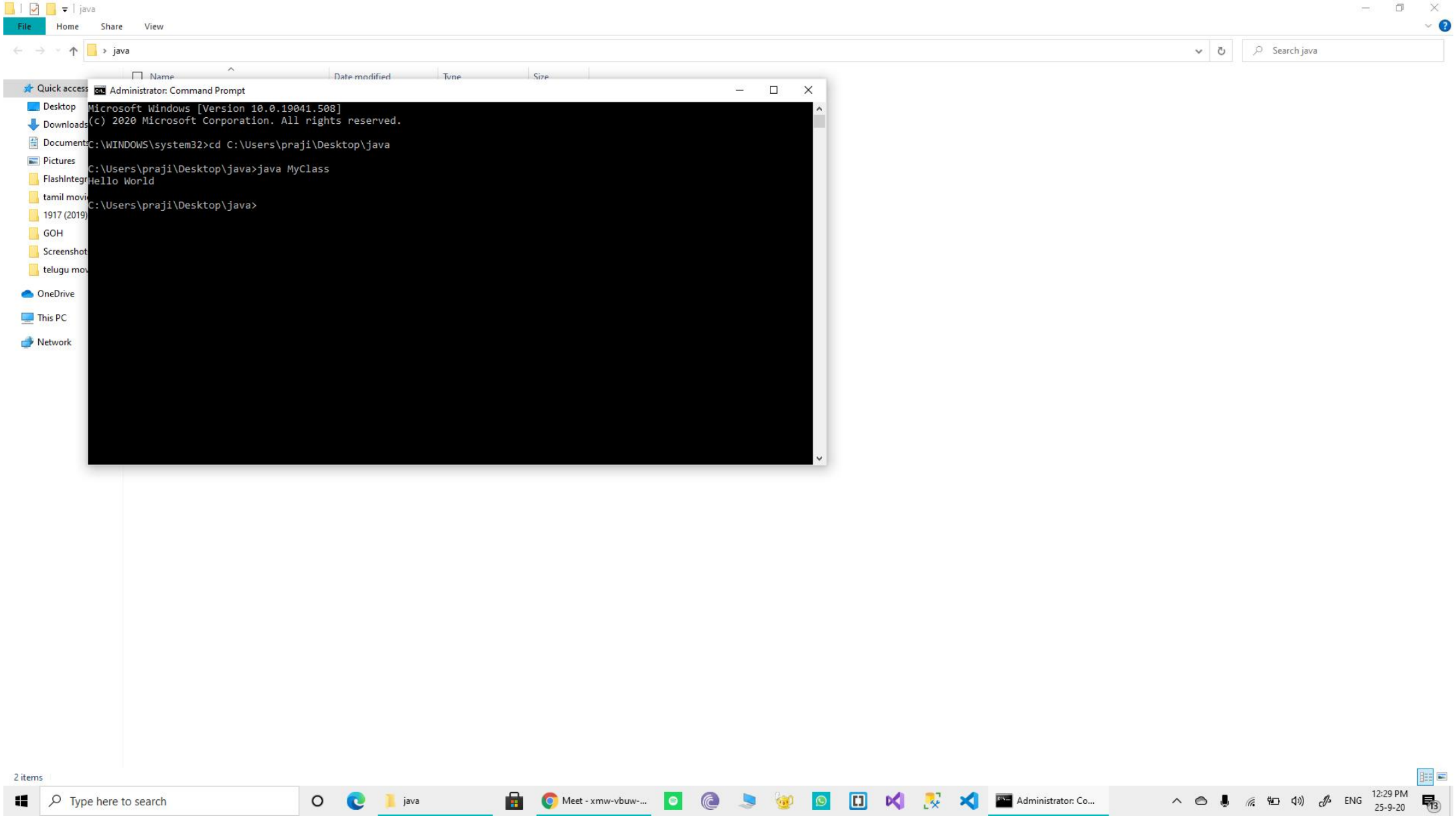
① class Hello {

public static void main (String args[]){

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

}

}


java
File
Home
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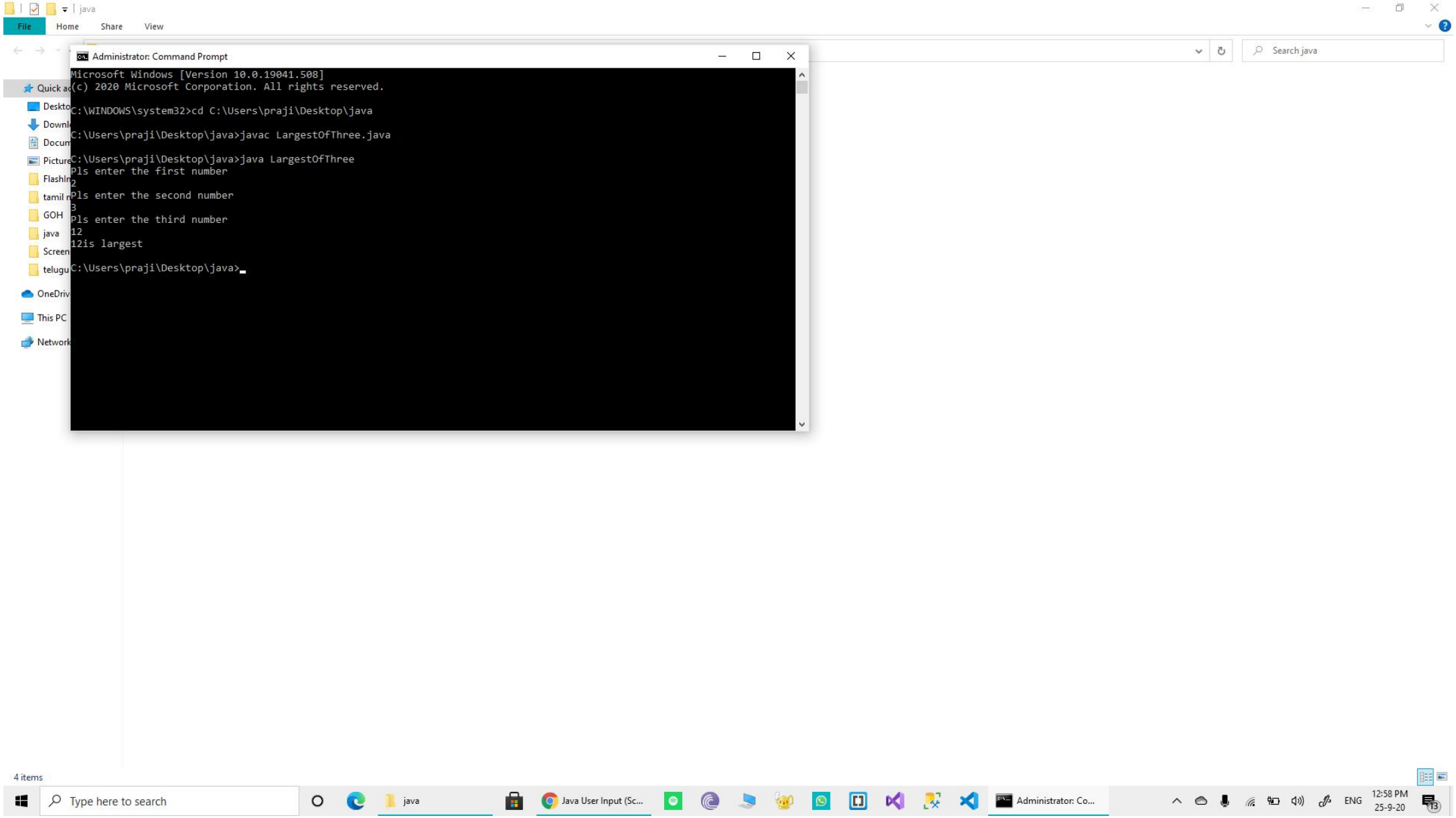
This PC
Network
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19041.508]
(c) 2020 Microsoft Corporation. All rights reserved.
C:\WINDOWS\system32>cd C:\Users\praji\Desktop\java
C:\Users\praji\Desktop\java>java MyClass
Hello World
C:\Users\praji\Desktop\java>
2 items
Type here to search
java
Meet - xmw-vbuw-...
Administrator: Co...
ENG
12:29 PM
25-9-20

```
System.out.println("Hello World");
}
import java.util.*; // Largest
class LargestOfThree{
public static void main(String args[]){
int a,b,c;
Scanner num = new Scanner(System.in);
System.out.println("Pls enter the first number");
a = num.nextInt();
System.out.println("Pls enter the second number");
b = num.nextInt();
System.out.println("Pls enter the third number");
c = num.nextInt();
if(a>b && a>c){
System.out.println(a+" is Largest");
```

```
else if (b > a && b > c){
  System.out.println("b is largest");
    }
else {
    System.out .println("c is largest");
    }
}
}
```


java
File
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Administrator: Command Prompt
Microsoft Windows [Version 10.0.19041.508]
(c) 2020 Microsoft Corporation. All rights reserved.
C:\WINDOWS\system32>cd C:\Users\praji\Desktop\java
C:\Users\praji\Desktop\java>javac LargestOfThree.java
C:\Users\praji\Desktop\java>java LargestOfThree
Pls enter the first number
2
Pls enter the second number
3
Pls enter the third number
12
12is largest
C:\Users\praji\Desktop\java>
Quick ac
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OneDriv
This PC
Network
4 items
Type here to search
java
Java User Input (Sc...
Administrator: Co...
ENG
12:58 PM
25-9-20

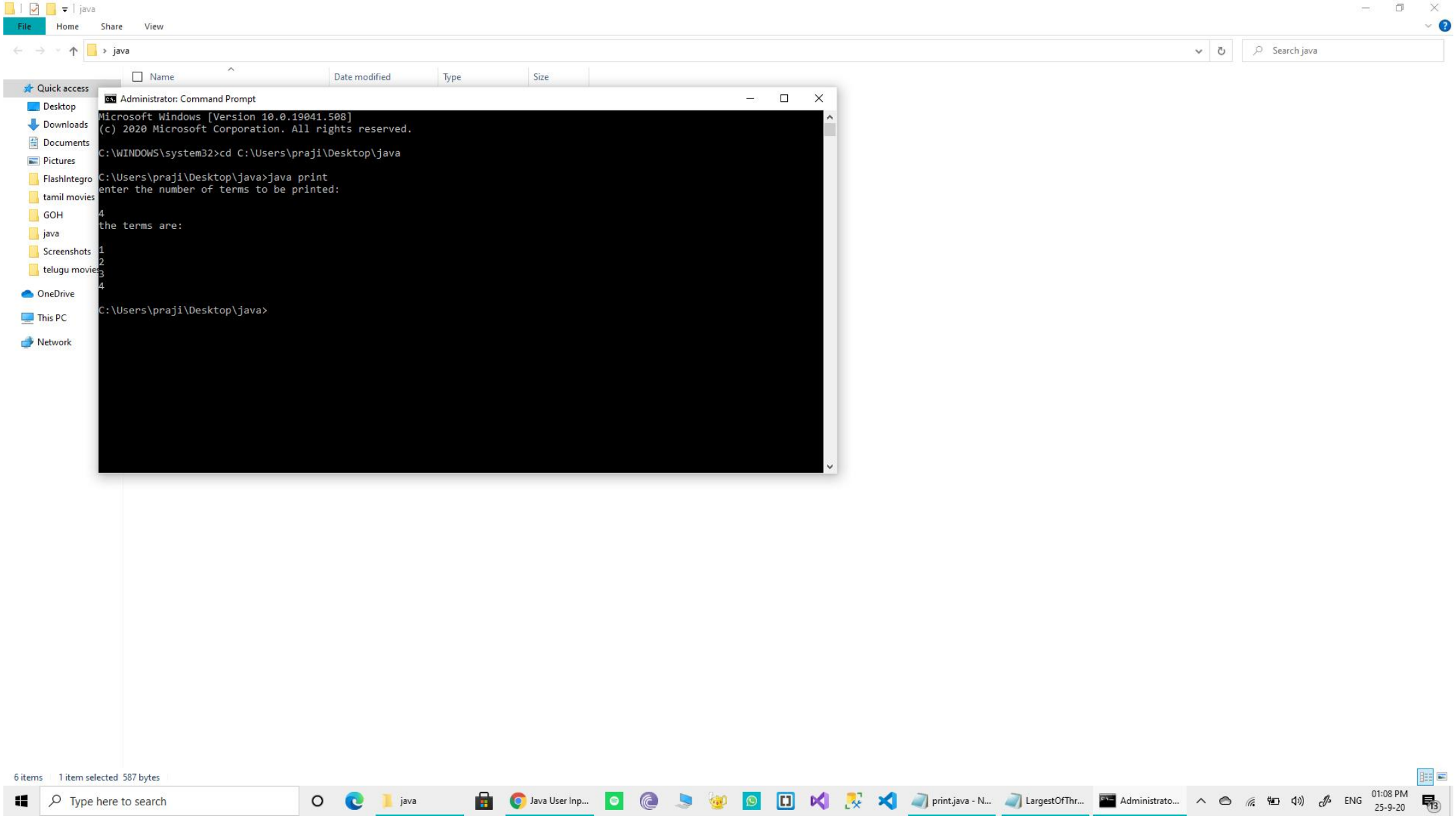
Print Pattern numbers

(3)

```
import java.util.*;

class print {
public static void main(String[] args){
 Scanner in = new Scanner(System.in);
 System.out.println("Enter the number of terms");
    int n = in.nextInt();

 System.out.println("the terms are :");
  for(int i=1 ; i<=n ; i++){
     System.out.println(i);
    }
  }
}
```


java
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Home
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View
java
Search java
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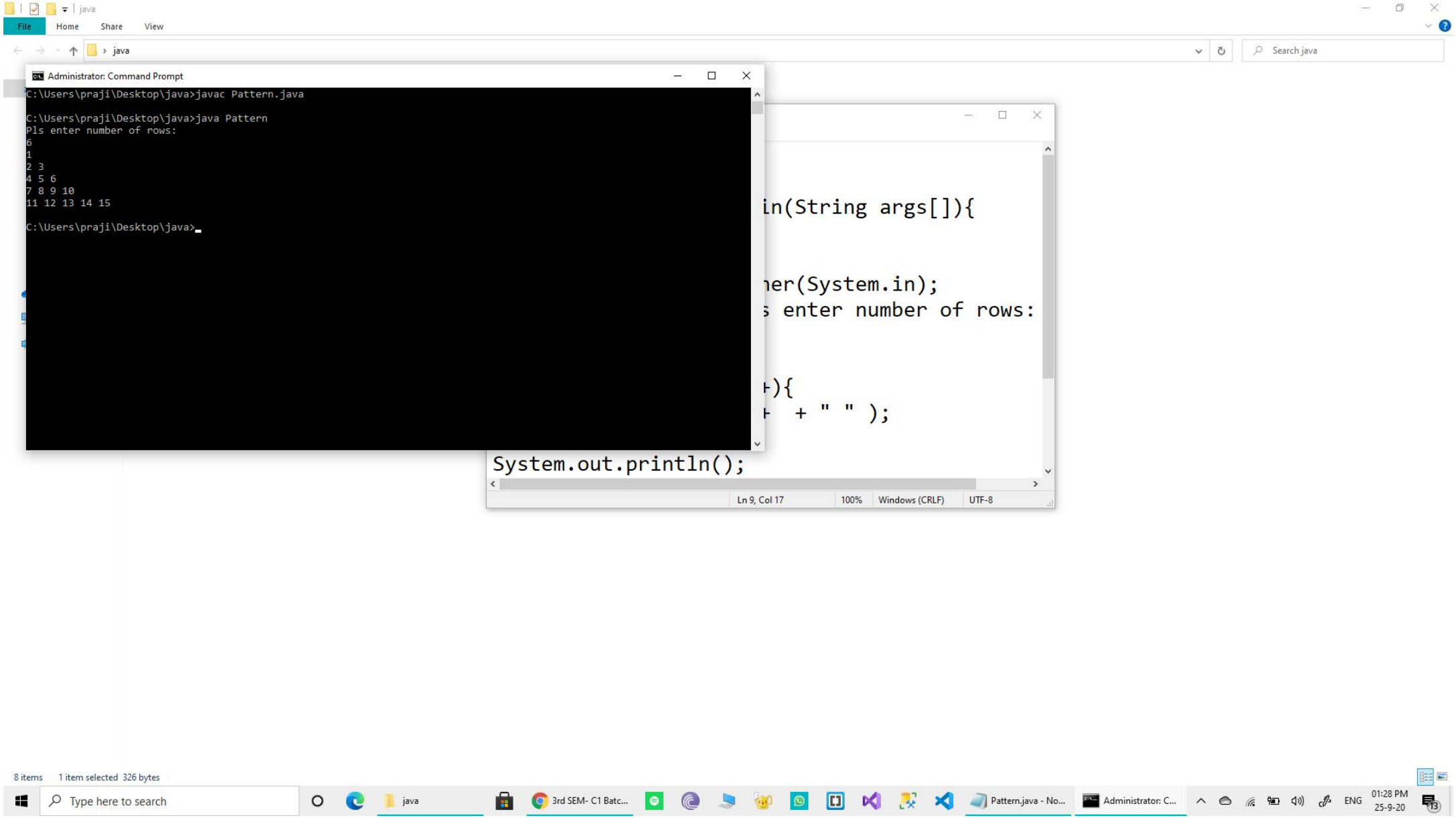
Date modified
Type
Size
Quick access
Desktop
Downloads
Documents
Pictures
FlashIntegro
tamil movies
GOH
java
Screenshots
telugu movies
OneDrive
This PC
Network
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19041.508]
(c) 2020 Microsoft Corporation. All rights reserved.
C:\WINDOWS\system32>cd C:\Users\praji\Desktop\java
C:\Users\praji\Desktop\java>java print
enter the number of terms to be printed:
4
the terms are:
1
2
3
4
C:\Users\praji\Desktop\java>
6 items
1 item selected 587 bytes
Type here to search
java
Java User Inp...
print.java - N...
LargestOfThr...
Administrato...
ENG
01:08 PM
25-9-20

Pattern

DATE: PAGE:

(11)

```
import java.util.*;
class Pattern {
public static void main(String args[]){
int k=1;
  int n ;
Scanner num = new Scanner(System.in)
                                    ;
System.out.println("Pls enter number of rows:");
  n= num.nextInt();
  for (int i=1 ; i<n ; i++){
    for(int j=1 ; j<i+1 ; j++){
     System.out.print(k++ + "  ");
  }
  System.out.println();
}
}
}
```


java
File
Home
Share
View
java
Search java
Administrator: Command Prompt
C:\Users\praji\Desktop\java>javac Pattern.java
C:\Users\praji\Desktop\java>java Pattern
Pls enter number of rows:
6
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
C:\Users\praji\Desktop\java>
in(String args[]){
ner(System.in);
s enter number of rows:
){
+ " ");
System.out.println();
Ln 9, Col 17
100%
Windows (CRLF)
UTF-8
8 items
1 item selected 326 bytes
Type here to search
java
3rd SEM- C1 Batc...
Pattern.java - No...
Administrator: C...
ENG
01:28 PM
25-9-20

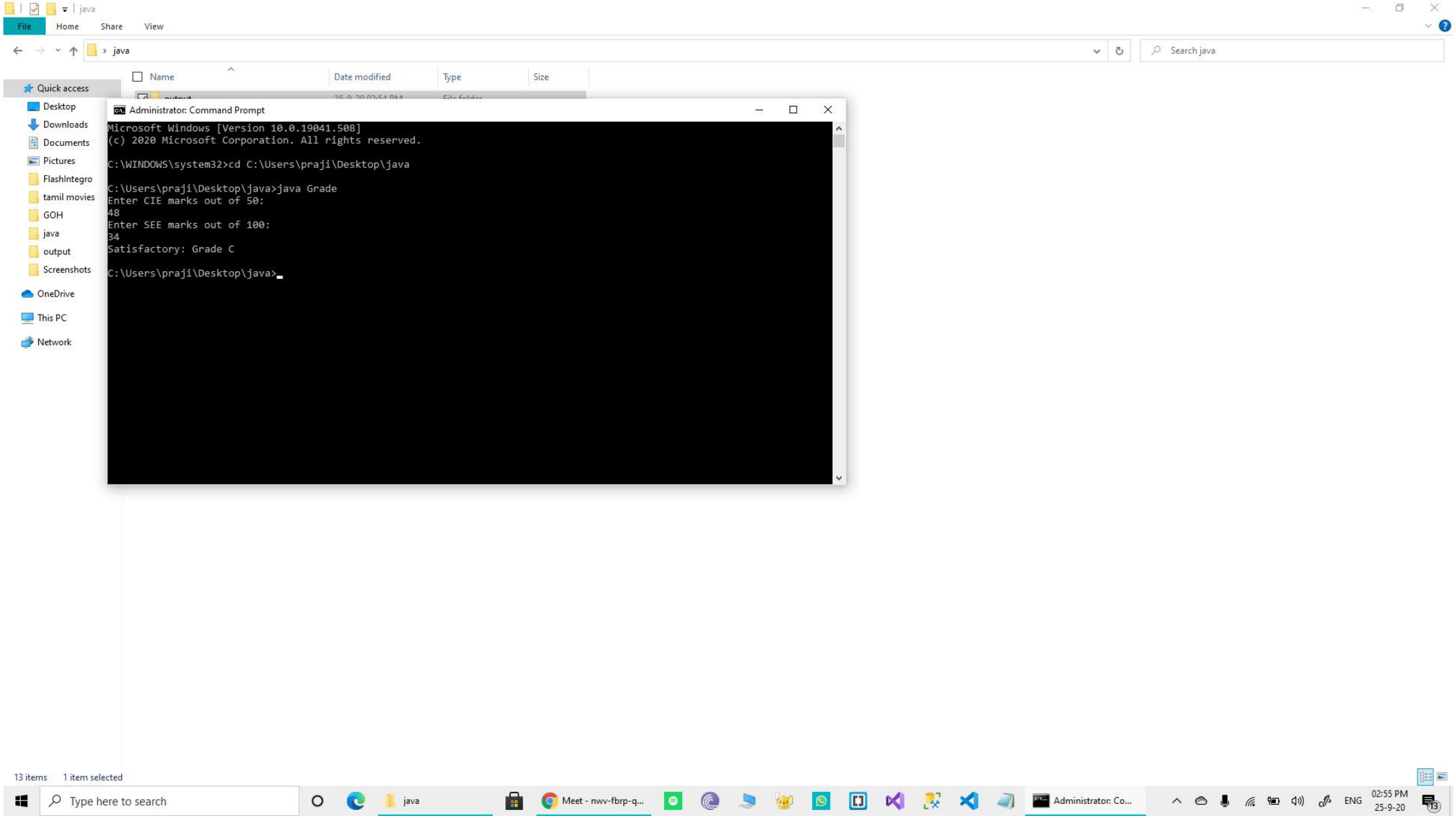
// CIE & SEE

(5)

```
import java.util.*;

class Grade {
  public static void main(String[] args){

  Scanner grd = new Scanner(System.in);
  System.out.println("Enter CIE marks out of 50: ");
  double cie = grd.nextDouble();
  System.out.println("Enter SEE marks out of 100 :");
  double see = grd.nextDouble();
  double marks = cie + (see/2);
  if (marks >= 90){
    System.out.println("Excellent : Grade S");
  }
  else if(marks<90 && marks>=80){
      System.out.println("Very good : Grade A");
  }
  else if(marks<80 && marks>=70){
      System.out.println("Good : Grade B");
  }
  else if(marks<70 && marks>=60){
    System.out.println("Satisfactory : Grade C");
  }
  else if(marks<60 && marks>=50){
    System.out.println("Work Hard : Grade D");
  }
  else if(marks<50 && marks>=40){
    System.out.println("Just Pass : Grade E");
  }
  else{
      System.out.println("Failed!!");
    }
  }
}
```


java
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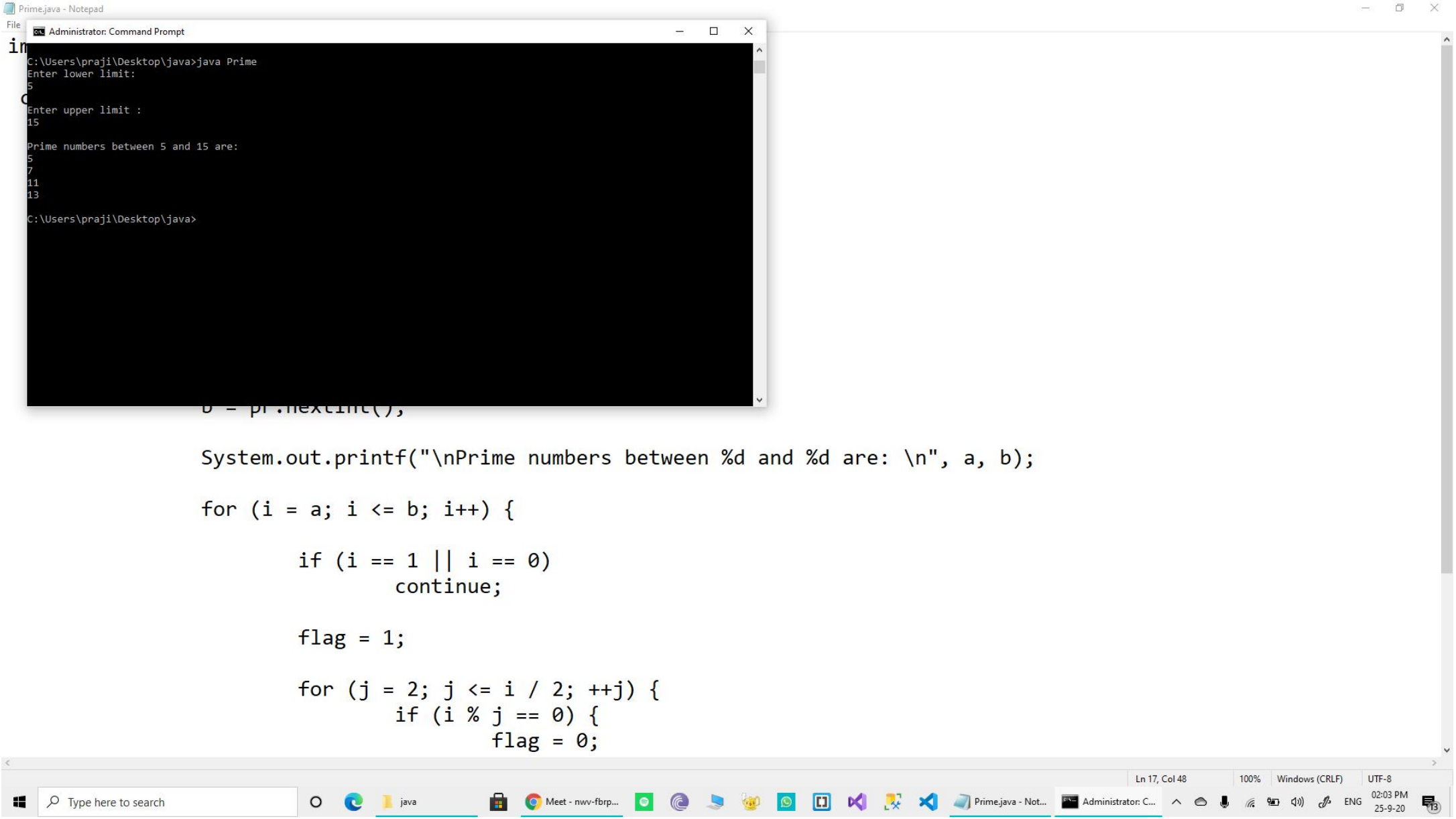
Date modified
Type
Size
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19041.508]
(c) 2020 Microsoft Corporation. All rights reserved.
C:\WINDOWS\system32>cd C:\Users\praji\Desktop\java
C:\Users\praji\Desktop\java>java Grade
Enter CIE marks out of 50:
48
Enter SEE marks out of 100:
34
Satisfactory: Grade C
C:\Users\praji\Desktop\java>
13 items
1 item selected
Type here to search
java
Meet - nwv-fbrp-q...
Administrator: Co...
ENG
02:55 PM
25-9-20

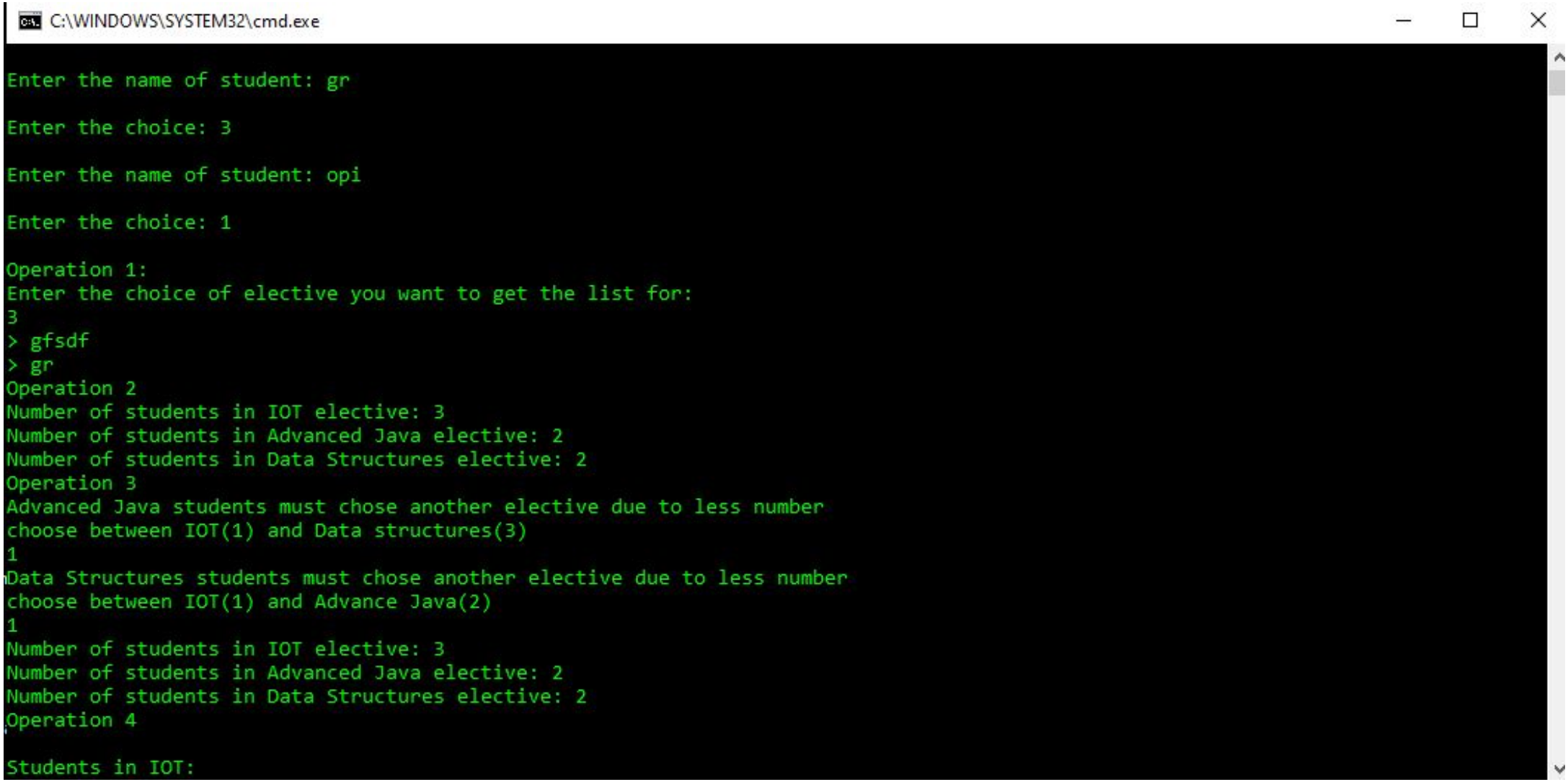
#// Prime b/w two nos

(6)
```
import java.util.*;

class Prime{
 public static void main(String[] args){
  Scanner pr = new Scanner(System.in);
  int a, b, i, j, flag;

  System.out.println("Enter lower limit:");
   a = pr.nextInt();
  System.out.println("Enter the upper limit:");
  b = pr.nextInt();
  System.out.printf("Prime numbers between
          %d and %d are: \n", a, b);
 for (i = a; i <= b; i++){
      if (i == 1 || i == 0)
          continue;
     flag = 1;
     for (j = 2; j <= i / 2; ++j){
     if (i % j == 0){
              flag = 0;
              break;
      }
 }
  if (flag == 1)
      System.out.println(i);
 }
}
}
```


Prime.java - Notepad
File
Administrator: Command Prompt
C:\Users\praji\Desktop\java>java Prime
Enter lower limit:
5
Enter upper limit :
15
Prime numbers between 5 and 15 are:
5
7
11
13
C:\Users\praji\Desktop\java>
b = pr.nextInt();
System.out.printf("\nPrime numbers between %d and %d are: \n", a, b);
for (i = a; i <= b; i++) {
if (i == 1 || i == 0)
continue;
flag = 1;
for (j = 2; j <= i / 2; ++j) {
if (i % j == 0) {
flag = 0;
Ln 17, Col 48
100%
Windows (CRLF)
UTF-8
Type here to search
java
Meet - nwv-fbrp...
Prime.java - Not...
Administrator: C...
ENG
02:03 PM
25-9-20


C:\WINDOWS\SYSTEM32\cmd.exe
Enter the name of student: gr
Enter the choice: 3
Enter the name of student: opi
Enter the choice: 1
Operation 1:
Enter the choice of elective you want to get the list for:
3
> gfsdf
> gr
Operation 2
Number of students in IOT elective: 3
Number of students in Advanced Java elective: 2
Number of students in Data Structures elective: 2
Operation 3
Advanced Java students must chose another elective due to less number
choose between IOT(1) and Data structures(3)
1
Data Structures students must chose another elective due to less number
choose between IOT(1) and Advance Java(2)
1
Number of students in IOT elective: 3
Number of students in Advanced Java elective: 2
Number of students in Data Structures elective: 2
Operation 4
Students in IOT:


C:\WINDOWS\SYSTEM32\cmd.exe
Number of students in Data Structures elective: 2
Operation 4
Students in IOT:
> qwe
> sgf
> gfsdf
> jyj
> fgb
> gr
> opi
Students in Advanced Java:
Students in Data Structures:
(program exited with code: 0)
Press any key to continue . . .