C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS\abstract3.java - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

```java
import java.util.*;

abstract class Shape {
    int l, b, r;
    Scanner input = new Scanner(System.in);
    abstract void printArea();
}
class Rectangle extends Shape {
    void printArea() {
        System.out.println("For  Rectangle");
        System.out.print("Enter length and breadth: ");
        l = input.nextInt();
        b= input.nextInt();
        System.out.println("The area of Rectangle is: " + l*b);
    }
}

class Triangle extends Shape {
    void printArea() {
        System.out.println("For  Triangle");
        System.out.print("Enter Base And Height: ");
        l = input.nextInt();
        b = input.nextInt();
        System.out.println("The area of Triangle is: " + (l*b) / 2);
    }
}

class Cricle extends Shape {
        void printArea() {
        System.out.println("For Circle");
            System.out.print("Enter Radius: ");
        r = input.nextInt();
```
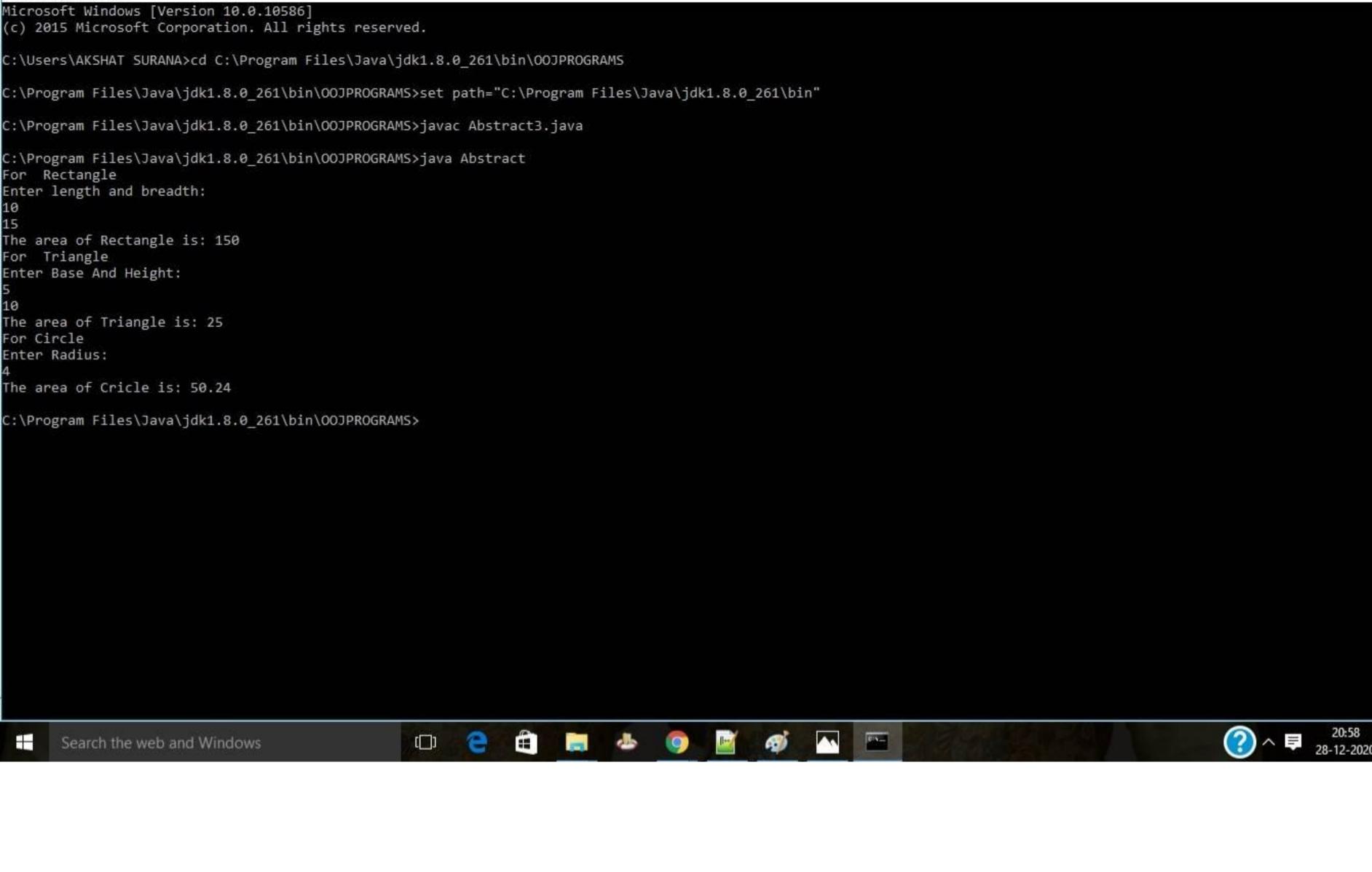
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player.java Emolyee.java age.java bank.java **abstract3.java** transpose.java circledemo.java actor.java cmdinarray.java studentinheritance.java playerinheritance.java account.java qua

```java
16    }
17
18  class Triangle extends Shape {
19      void printArea() {
20          System.out.println("For  Triangle");
21          System.out.print("Enter Base And Height: ");
22          l = input.nextInt();
23          b = input.nextInt();
24          System.out.println("The area of Triangle is: " + (l*b) / 2);
25      }
26  }
27
28  class Cricle extends Shape {
29          void printArea() {
30          System.out.println("For Circle");
31              System.out.print("Enter Radius: ");
32          r = input.nextInt();
33          System.out.println("The area of Cricle is: " + 3.14f *r*r);
34      }
35  }
36
37  class Abstract {
38      public static void main(String[] args) {
39          Rectangle r= new Rectangle();
40          r.printArea();
41          Triangle t = new Triangle();
42          t.printArea();
43          Cricle c= new Cricle();
44          c.printArea();
45      }
46  }
```

Java source file   length : 1,132   lines : 46   Ln : 30   Col : 34   Sel : 0 | 0   Windows (CR LF)   UTF-8   INS

Search the web and Windows

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```
Command Prompt

Microsoft Windows [Version 10.0.10586]
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C:\Users\AKSHAT SURANA>cd C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>set path="C:\Program Files\Java\jdk1.8.0_261\bin"

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>javac Abstract3.java

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>java Abstract
For  Rectangle
Enter length and breadth:
10
15
The area of Rectangle is: 150
For  Triangle
Enter Base And Height:
5
10
The area of Triangle is: 25
For Circle
Enter Radius:
4
The area of Cricle is: 50.24

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>
```