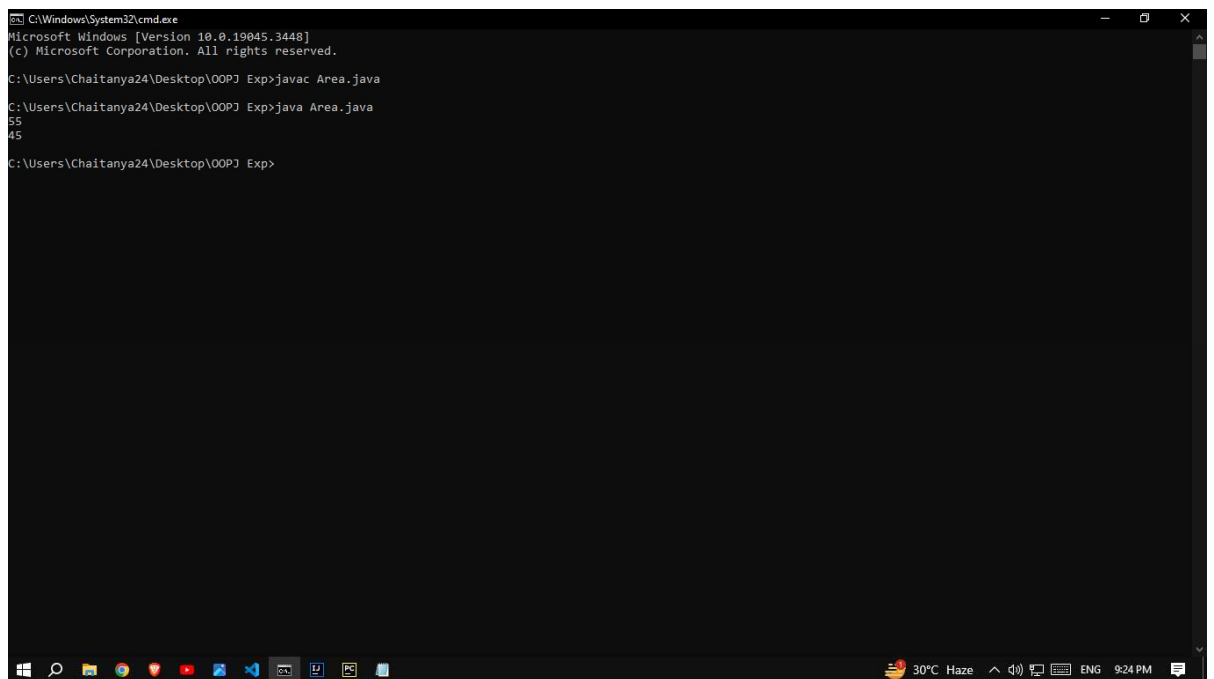


## **Implement a program that demonstrates the concepts of class and objects**

```
1}  
class Rectangle{  
    int length;  
    int width;  
    void insert(int l, int w){  
        length=l;  
        width=w;  
    }  
    void  
    calculateArea(){System.out.println(length*width);}  
}  
class TestRectangle1{  
    public static void main(String args[]){  
        Rectangle r1=new Rectangle();  
        Rectangle r2=new Rectangle();  
        r1.insert(11,5);
```

```
    r2.insert(3,15);  
  
    r1.calculateArea();  
  
    r2.calculateArea();  
  
}  
  
}
```

Output :



```
C:\Windows\System32\cmd.exe  
Microsoft Windows [Version 10.0.19045.3448]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\Chaitanya24\Desktop\OOPJ Exp>javac Area.java  
  
C:\Users\Chaitanya24\Desktop\OOPJ Exp>java Area.java  
55  
45  
  
C:\Users\Chaitanya24\Desktop\OOPJ Exp>
```

The screenshot shows a Windows command prompt window with the title bar "C:\Windows\System32\cmd.exe". The window displays the output of running Java code. The first command is "javac Area.java", which compiles the code. The second command is "java Area.java", which runs the code. The output of the second command is "55" followed by "45" on the next line. The taskbar at the bottom shows the Windows logo, search icon, and several application icons. The system tray on the right shows the temperature as "30°C Haze", the time as "9:24 PM", and the language as "ENG".