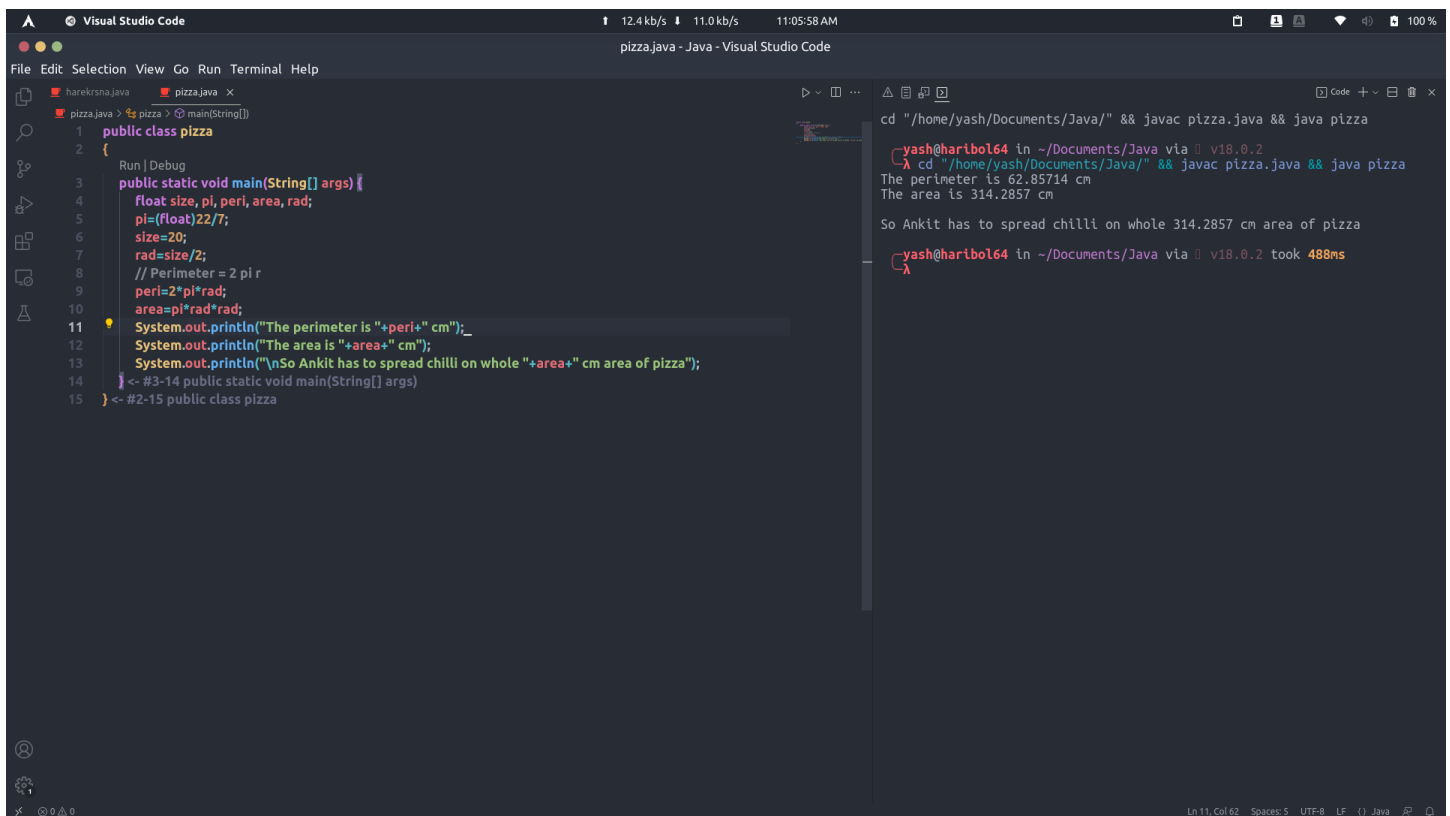


Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA , Batch - 31
OOP Practical 1

Question : Ankit and his friends went out for a Pizza party. Ankit's friend asks him to cover the entire area of the Pizza with chilli flakes to have a strong hot taste. Compute the area and perimeter of Pizza using java program and print statement, where the diameter of Pizza is 20 cm.

Code and Output :



The screenshot shows the Visual Studio Code editor with a Java file named `pizza.java`. The code defines a `public class pizza` with a `main` method. It calculates the perimeter and area of a circle (representing a pizza) given a diameter of 20 cm. The output is printed to the console.

```
1 public class pizza
2 {
3     public static void main(String[] args) {
4         float size, pi, peri, area, rad;
5         pi=(float)22/7;
6         size=20;
7         rad=size/2;
8         // Perimeter = 2 pi r
9         peri=2*pi*rad;
10        area=pi*rad*rad;
11        System.out.println("The perimeter is "+peri+" cm");
12        System.out.println("The area is "+area+" cm");
13        System.out.println("\nSo Ankit has to spread chilli on whole "+area+" cm area of pizza");
14    }
15 }
```

The terminal output shows the execution of the program:

```
cd "/home/yash/Documents/Java/" && javac pizza.java && java pizza
yash@haribol64 in ~/Documents/Java via v18.0.2
λ cd "/home/yash/Documents/Java/" && javac pizza.java && java pizza
The perimeter is 62.85714 cm
The area is 314.2857 cm
So Ankit has to spread chilli on whole 314.2857 cm area of pizza
yash@haribol64 in ~/Documents/Java via v18.0.2 took 488ms
λ
```