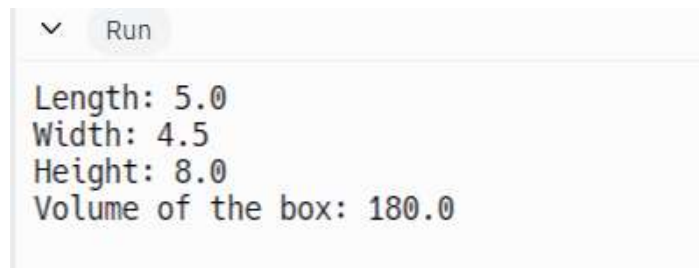


**3(b) : Modify part a) by adding constructors and “this” reference**

```
import java.util.Scanner;

public class Main {
    private double length;
    private double width;
    private double height;
    public Main(double length, double width, double height){
        this.length = length;
        this.width = width;
        this.height = height;
    }
    public double calculateVolume() {
        return length * width * height;
    }
    public static void main(String[] args) {
        System.out.println("Length: 5.0");
        System.out.println("Width: 4.5");
        System.out.println("Height: 8.0");
        Main myBox = new Main(5.0,4.5,8.0);
        double volume = myBox.calculateVolume();
        System.out.println("Volume of the box: " + volume);
    }
}
```



```
Run
Length: 5.0
Width: 4.5
Height: 8.0
Volume of the box: 180.0
```