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/*
PC-NO:-
Enroll:-
Faculty Name:
Name:-
Class:- B.Sc.IT
Date:-
Div:- B
Assignment: 3
Assignment Aim: Constructors
taitle:- Q-2 Write a java program to make constructor called Volume and
overload it. Find volume of cube (var*var*var), volume of cylinder
(3.14*r2*h) and volume of rectangular box (l*b*h).
(aim :use constructor overloading)
*/
```

```
import java.util.Scanner;

class volume{
    volume(double c){
        System.out.println("Your cube volume is:= "+c);
    }
    volume(double r , double h){
        double cal = (double) (Math.PI*r*r*h);
        System.out.println("Your cylinder volume is:= "+cal);
    }
    volume(double l , double b , double H)
    {
        double tol = l*b*H;
        System.out.println("Your rectangular box volume is:= "+tol);
    }
}

public class Volume_overload_constructor {

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter Your Cube R:= ");
        double cube = sc.nextDouble();
        double c = cube*cube*cube;
        volume obj = new volume(c);
        System.out.println("-----");

        System.out.println("Enter Your R and H");
        double r = sc.nextDouble();
        double h = sc.nextDouble();
        volume obj1 = new volume(r , h);

        System.out.println("-----");
        System.out.println("Enter L , B , H");
        double l = sc.nextDouble();
        double b = sc.nextDouble();
        double H = sc.nextDouble();
        volume obj2 = new volume(l , b , H);
    }
}
```