Assignment 1:Constructors : a) default / no parameter constructor.b) parameterized constructor.

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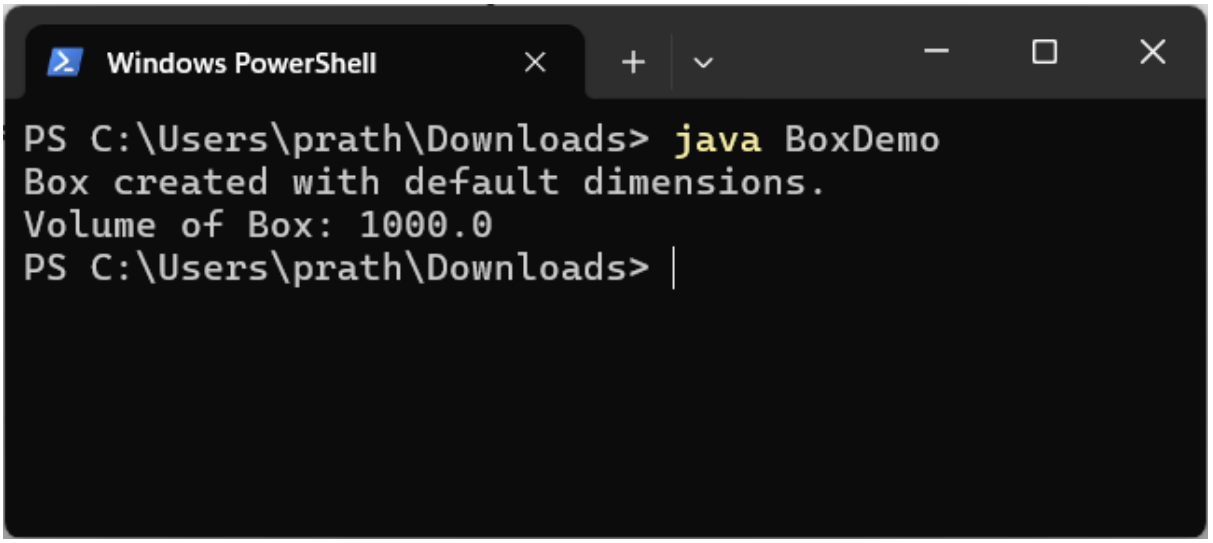
Code:a) default / no parameter constructor

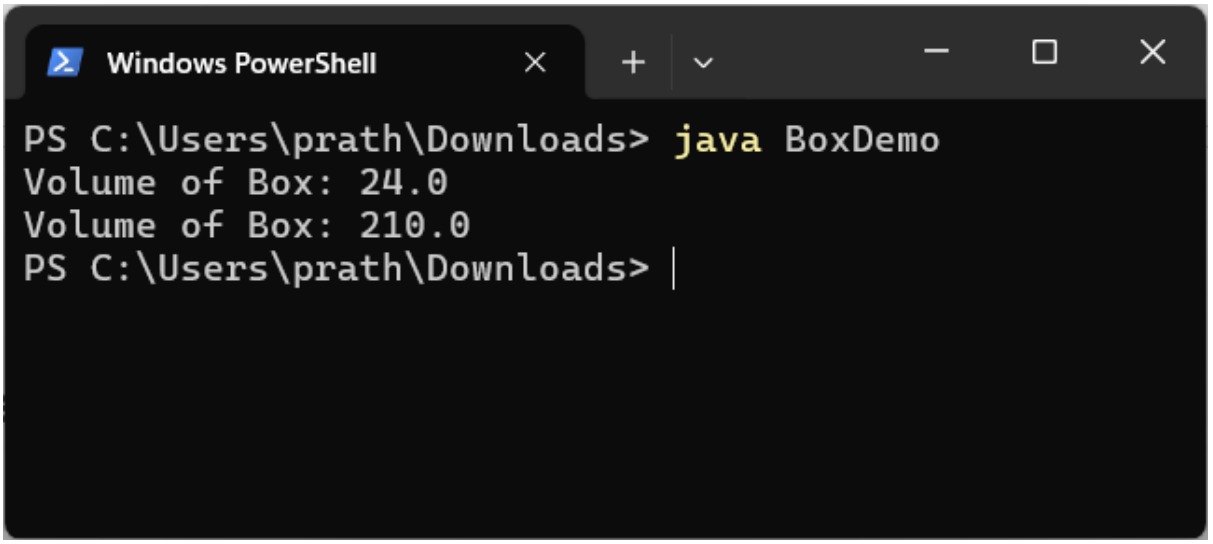
```
class Box {
    double width;
    double height;
    double depth;
 Box()
    {
      width = 10;
      height = 10;
      depth = 10;
    }
void printVolume()
{
        double vol = width * height * depth;
        System.out.println("Volume of Box: " + vol);
    }
}
class BoxDemo {
    public static void main(String args[]
 {
    Box b1 = new Box();
    b1.printVolume();
    }
}
```

Output:



Code:b) Parameterized constructor.

```
class Box
{
    double width;
    double height;
    double depth;

    Box(double w, double h, double d) {
        width = w;
        height = h;
        depth = d;
    }
    void printVolume() {
        double vol = width * height * depth;
        System.out.println("Volume of Box: " + vol);
    }
}
class BoxDemo
{
    public static void main(String args[])
    {
        Box b1 = new Box(2, 3, 4);
        Box b2 = new Box(5, 6, 7);
        b1.printVolume();
        b2.printVolume();
    }
}
```

OutPut: