

## Practical:-7

**AIM:-Write a program for Box class which contains default constructor for width, height, depth and the method volume which finds the volume of Box.**

**Code:-**

```
import java.util.Scanner;

public class Box {

    Scanner s=new Scanner(System.in);

    int w,h,d;

    Box()

    {

        System.out.println("volume of box ");

    }

    Box(int x,int y,int z)

    {

        w=x;

        h=y;

        d=z;

    }

    void volume()

    {

        int v=w*h*d;

        System.out.println(v);

    }

    public static void main(String[] args) {

        Box b=new Box();

        Box b1=new Box(4,2,5);

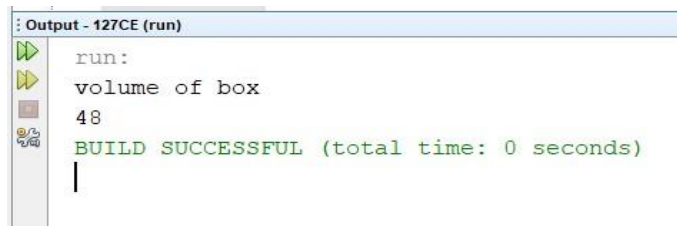
        b1.volume();

    }

}
```

```
}
```

## Output:-



The screenshot shows an IDE's output window titled "Output - 127CE (run)". On the left side of the window, there is a vertical toolbar with icons for running (a green play button), stepping through code (a yellow play button), and other debugging actions. The output text is as follows:

```
run:
volume of box
48
BUILD SUCCESSFUL (total time: 0 seconds)
|
```