DATE:13/02/2024

<div align="center">PROGARM-2</div>

<div align="center">LAB-4</div>

AIM:WAP TO DISPLAY THE USE OF THIS KEYWORD.

CODE:

```java
import java.util.*;

 public class lab4_1 {
    private static lab4_1 lab4_1;
    private int width;
    private int height;
    private int depth;
    lab4_1(int width,int height,int depth){
        this.width=width;
        this.height=height;
        this.depth=depth;
    }
    void display(){
        this.width=width;
        this.height=height;
        this.depth=depth;
        System.out.println("the volumn of cube is");
        int volume=width*height*depth;
        System.err.println(volume);
    }
    public static void main(String[] args){
        lab4_1 l= new lab4_1(1,2,3);
```

```
        l.display();

    }

}
```

OUTPUT:

```
PS C:\Users\Admin\Desktop>  & 'C:\Program Files\Java\jdk-21\bin\java.exe' '--enable-preview' '-XX:+Sh
owCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Admin\AppData\Roaming\Code\User\workspaceStorage\e0
dc2e9535830c46d9c00ded3eb4123a\redhat.java\jdt_ws\Desktop_f8aad77d\bin' 'lab4_1'
the volumn of cube is
6
```