

PRACTICAL:14

AIM: Write a program in Java to demonstrate use of this keyword. Check whether this can access the private members of the class or not.

THIS keyword:

- In java, this is a reference variable that used to refer current object.
- **Usage of java this keyword:**
 1. this can be used to refer current class instance variable.
 2. this can be used to invoke current class method (implicitly)
- this() can be used to invoke current class constructor.
- this can be passed as an argument in the method call.
- this can be passed as argument in the constructor call.
- this can be used to return the current class instance from the method.

PROGRAM:

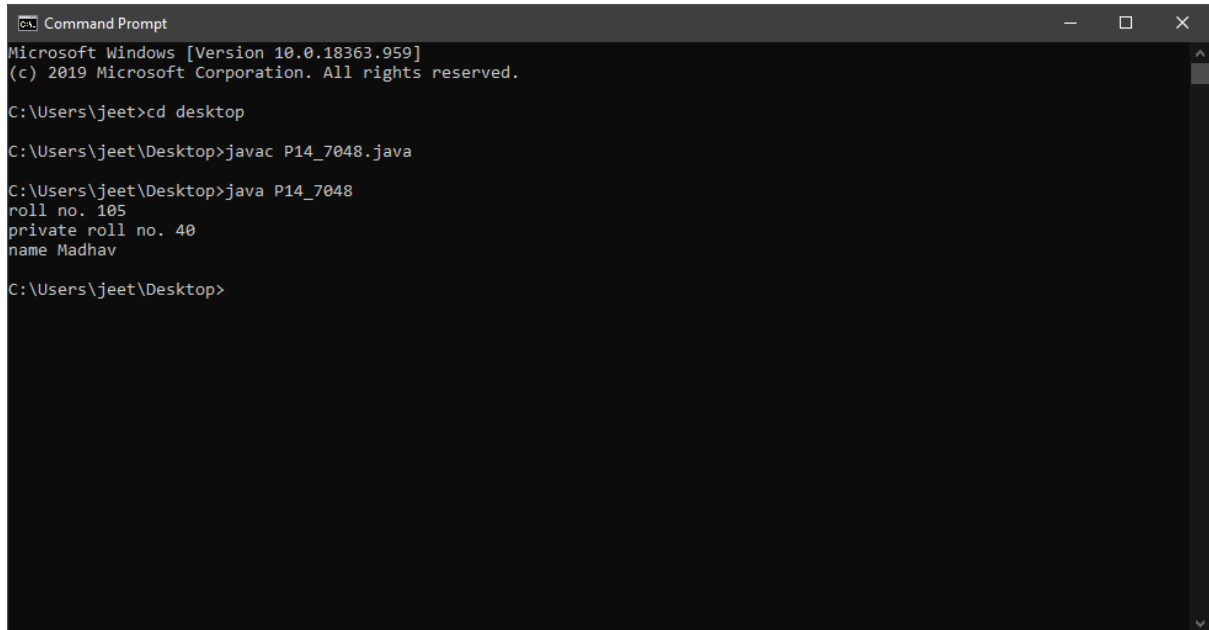
```
class Stud
{
    private int rollno=40;
    String name="Madhav";

    void display()
    {
        int rollno=105;
        System.out.println("roll no. "+ rollno);
        System.out.println("private roll no. "+ this.rollno);
        System.out.println("name "+ name);
    }
}

class P14_7048
{
    public static void main(String args[])
    {
```

```
Stud t1=new Stud();  
  
t1.display();  
  
}  
  
}
```

OUTPUT:



```
Command Prompt  
Microsoft Windows [Version 10.0.18363.959]  
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C:\Users\jeet>cd desktop  
  
C:\Users\jeet\Desktop>javac P14_7048.java  
  
C:\Users\jeet\Desktop>java P14_7048  
roll no. 105  
private roll no. 40  
name Madhav  
  
C:\Users\jeet\Desktop>
```