

## **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:**

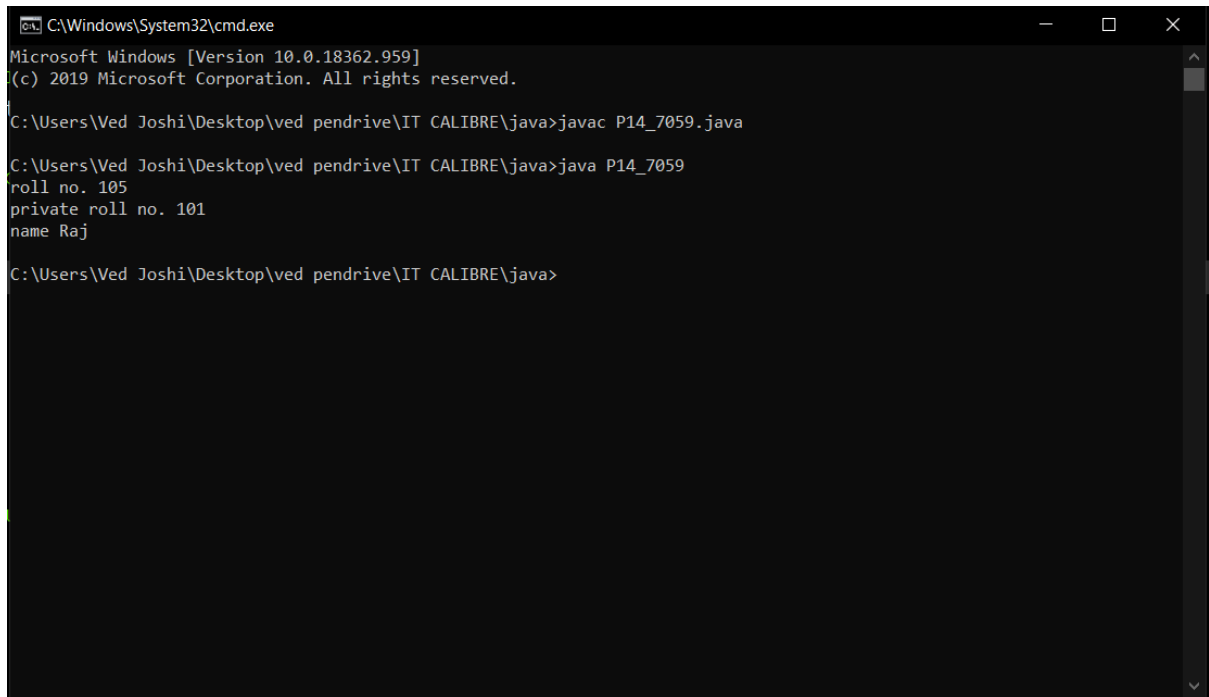
```
class Std
{
    private int rollno=101;
    String name="Raj";

    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_7059
{
    public static void main(String args[])
    {
        Std t1=new Std();
    }
}
```

```
        t1.display();  
    }  
}
```

## OUTPUT:



```
C:\Windows\System32\cmd.exe  
Microsoft Windows [Version 10.0.18362.959]  
(c) 2019 Microsoft Corporation. All rights reserved.  
  
C:\Users\Ved Joshi\Desktop\ved pendrive\IT CALIBRE\java>javac P14_7059.java  
  
C:\Users\Ved Joshi\Desktop\ved pendrive\IT CALIBRE\java>java P14_7059  
roll no. 105  
private roll no. 101  
name Raj  
  
C:\Users\Ved Joshi\Desktop\ved pendrive\IT CALIBRE\java>
```

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