

NAME – RAJDEEP JAISWAL

DATE – 16 NOV 2021

BRANCH – BTECH CSE

SEC = 608 - A

UID -20BCS2761

Subject – JAVA Lab

AIM –

Create an interface and design a class to implement an interface.

SOLUTION –

```
CODE IN TEXT FORM – package com.company;
import java.io.*;
// A simple interface
interface In1
{
    final int a = 25;

    // public and abstract
    void display();
}

// A class that implements the interface.
class TestClass implements In1
{
    // Implementing the capabilities of
    // interface.
    public void display()
    {
        System.out.println("Rajjo");
    }

    // Driver Code
    public static void main (String[] args)
    {
        TestClass t = new TestClass();
    }
}
```

```
t.display();  
System.out.println(a);  
}
```

Code in Compiler -

```
IntelliJ IDEA File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help 30% Rajdeep Jaiswal  
FirstjavaprogramRaj - prep.java  
Project src  
com.company  
code4  
code5  
code7  
code8  
code9  
code10  
code11  
code12  
code13.java  
code14  
code15  
code16  
code17  
code18  
code19  
code21  
code22  
code23  
code24  
code25  
code26  
code27  
code28  
code30  
1 package com.company;  
2 import java.io.*;  
3 // A simple interface  
4 interface In1  
5 {  
6     final int a = 25;  
7  
8     // public and abstract  
9     void display();  
10 }  
11  
12 // A class that implements the interface.  
13 class TestClass implements In1  
14 {  
15     // Implementing the capabilities of  
16     // interface.  
17     public void display()  
18     {  
19         System.out.println("Rajjo");  
20     }  
21  
22     // Driver Code  
23     public static void main (String[] args)  
24     {  
25         TestClass t = new TestClass();  
26         t.display();  
27         System.out.println(a);  
28     }  
29 }
```

OUTPUT -

```
code18 System.out.println("Rajjo");  
Run: TestClass  
/Library/Java/JavaVirtualMachines/jdk-16.0.1.jdk/Contents/Home/bin/java -javaagent:/Applications/IntelliJ IDEA CE.app/Contents/lib/idea_rt.jar=49468:/Applica  
Rajjo  
25  
Process finished with exit code 0  
Run TODO Problems Terminal Build
```

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

| Sr. No. | Parameters | Marks Obtained | Maximum Marks |
|---------|------------|----------------|---------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| | | | |