Don Bosco Institute of Technology, Kurla(W)
Department of Electronics and Tele-Communication Engineering
ECL304 - Skill Lab: C++ and Java Programming
Sem III
2021-22

Lab Number:	**10**
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Roll No :	**23**

Title:

1. Write a java program to implement Multiple Inheritance using Interfaces. Create an interface called Management with selectCandidate() method. Another interface called Department with allotSubject() method. Class called HOD will implements these two interfaces and define the methods and access them with valid objects.

Learning Objective:

Students will be able to implement multiple inheritance using Interface concepts

Learning Outcome:

- Understanding the abstraction concept and hiding of the unnecessary code using interfaces.

Course Outcome:

ECL304.4	1. Implement different programming applications using packaging.

Theory:

- What is complete abstraction and how is it achieved in JAVA?
- Explain multiple abstraction and how is it performed in Java?

Algorithm :	

Program:	`public interface Interface1`
	`{`
	`void method1();`
	`}`
	`public interface Interface2`

Faculty: Ms. Deepali Kayande

```
{

	void method2();

}

class Demo implements
Interface1, Interface2

{

	public void method1()

	{


	System.out.println("The
method from Interface 1");

	}

	public void method2()

	{


	System.out.println("The
method from Interface 2");

	}

}

public class
MultipleInheritanceDemo

{

	public static void
```

	`main(String args[])`
	`{`
	`Demo d = new Demo();`
	`d.method1();`
	`d.method2();`
	`}`
	`}`

Input given:	
Output Screenshot:	The method from Interface 1 The method from Interface 2