**Object Oriented Programming Using Java**

**Practical 05**

**Exercise 01**

public interface MyFirstInterface {

int x=10;

void display();

}

01. There won’t be a difference because when declaring a variable inside an interface it is final and static. Therefore, it does not make a difference.

int x=10;

public static final int x=10;

02. There won’t be a difference because when declaring a variable inside an interface it will already be abstract.

void display();

abstract void display();

03. x cannot be changed as it is implicitly final and must be considered as read only.

public class InterfaceImplemented implements MyFirstInterface{

public void display() {

x=20;

System.out.println(“The value of x is : “+x):

}

}

**Exercise 2**

The out come of class 1 will be an error as it is declared as final which means it cannot be subclassed.

This too will show an error due to the same reason.