Practical 05

Exercise 01:

public class IntefaceImplemented implements MyFirstInterface
{
@Override
public void display()
{
System.out.println("The value of X is:"+x);
}
}
public interface MyFirstInterface
{
int x=5;
void display();
}
public class Intabs
{
public static void main(String[] args)
{
IntefaceImplemented obj1 =new IntefaceImplemented();
Obj1.display();
}
}
	The value of X is:5

1) yes.

With the `public` keyword, makes the variable accessible from anywhere. Other classes and packages can access the variable directly.

Adding the `static` keyword It can be accessed using the class name, without creating an instance of the class.

The `final` keyword makes the variable a constant, which means its value cannot be changed once assigned. It is often used to state constants or unchanging values.

2)No.

An abstract method is a method without a body, and it serves as a placeholder that must be implemented in the concrete subclasses or implementing classes.

In Interface, abstract method cannot have a body. And all methods in interface are all abstract methods.

3)

In the IntefaceImplemented class, you can not change the value of X because it is declared as final in the interface. The final keyword makes a variable constant, meaning its value can not be modified once assigned.