Practical -5

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Q1-

public interface MyFirstInterface {

// Variable declaration without public static final keywords(1)

int x = 10;

// Abstract method without the abstract keyword(2)

void display();

}

1) It wont necessary to mention the public static final in an interface because it assume that as public static final as default.

2) With "abstract" keyword

public interface MyFirstinterface {

/ /abstract method

abstract void display();

Without "abstract" keyword

public interface MyFirstinterface {

abstract method

void display();

It is not required to use the abstract keyword when declaring an abstract method within an interface. The method is abstract by default if the abstract keyword is not present. As a result, there is no difference between defining an abstract method within an interface with or without the abstract keyword

3)cant change the value of the x because in the interface the value of the x assigne as a constant so we cant change the value once assigned. So if we do that( assign 20) it will show a error.

public class InterfaceImplemented implements MyFirstInterface {

@Override

public void display() {

x = 20; // Invalid (constant)

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

}

}