

Day-12

final

Variables - we cannot change the value of variable (constant)

methods - we cannot override methods in the child class

classes - we cannot extend the class in to another class

Data Abstraction

Interface

Abstraction is a process of hiding the implementation details and showing only functionality to the user.

Interface

An interface is a blue print of class.

Interface contains final & Static variables.

Interface contains abstract methods.(also allowed default methods & Static methods from java8 onwards)

An abstract method is a method contains definition but not body(Un-implemented method).

Methods in interface are public.

Interface supports the functionality of multiple inheritance.

We can define interface with interface keyword.

A class extends another class, an interface extends another interface but a class implements an interface.

We can create Object reference for Interface but we cannot instantiate interface.

class C1

{

Variables

final static int x=10;

methods

void m() //default

{

 //code

}

}

interface I1

{

Variables

methods

m();

}

void m()

{

 //code

}

void m(); // abstract method

public

default

protected
private