

2. Write a Java Program to implement the concept of multiple inheritance using Interfaces.

Aim: Implement the concept of multiple inheritance using Interfaces.

Step No.	Instructions
1	Start
2	Create a class called student with a) Data members namely, name and regno for keeping Name and RegNo of a Student b) Member functions namely, getdata() and putdata() for initializing and displaying the contents of data members
3	Create a class called mark which inherits the properties of student class with c) Data members namely, m1, m2 and m3 for keeping marks of three subjects d) Member functions namely, getmarks() and putmarks() for initializing and displaying the contents of data members
4	Create an Interface s, with a final data member pract_mark for keeping practical mark and initialize it
5	Create a class called result which inherits the properties of mark class and implements the interface s, with e) Data member total f) Member function display() for computing total marks and checking whether a student is passed or failed in based on each subject The display() function computes the total marks as total=m1+m2+m3+pract_mark It checks for the condition ((m1 > 40) && (m2 > 40) && (m3 > 40) && (pract_mark > 40)) If the condition is True, then print that the student is pass else print that the student is fail
6	Create a result object and call the following functions a) getdata() b) getmarks() c) display()
7	Save the Java code in the name of list2.java
8	Compile the Java code using javac
9	Run the Java code using java
10	Stop