**OBJECT ORIENTED PROGRAMMING THROUGH JAVA**

**WEEK -VI**

**WEEK-6: INTERFACES AND PACKAGES**

a. Write a program to create interface A in this interface we have two method meth1 and meth2.Implements this interface in another class named MyClass.

b. Write a program to give example for multiple inheritance in Java

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| **S.No** | **Problem Statement** |
| 1 | Write a Java programming to perform sample ATM operations .  Create an interface **Account** contains three methods named getBalance(),deposit() , withdrawal().And create a class **SavingsAccount** that should implement the **Account** interface methods. |
| 2 | Write a java program to create an interface named Shape that contains two integers and an empty method named printArea (). Provide three classes named Rectangle, Triangle and Circle such that each one of the classes implements the class Shape. Each one of the classes contains only the method printArea () that prints the area of the given shape |
| 3 | Write a Java Program to implement inheritance with respect to Interfaces |
| 4 | Write a Java Program to create a user defined package for three classes Add, Sub, Mul |
| 5 | Write a Java Program to import a user defined package. |