**1.Create an abstract class 'Parent' with a method 'message'.**

**It has two subclasses each having a method with the same name 'message'**

**that prints "This is first subclass" and "This is second subclass" respectively.**

**Call the methods 'message' by creating an object for each subclass.**

abstract class Parent{

abstract public void message();

}

class Child1 extends Parent{

public void message(){

System.out.println("This is first Subclass");

}

}

class Child2 extends Parent{

public void message(){

System.out.println("This is second subclass");

}

}

class Subclass{

public static void main(String[] args){

Parent p1 = new Child1();

p1.message();

Parent p2 = new Child2();

p2.message();

}

}

**4.An abstract class has a construtor which prints "This is constructor of abstract class",**

**an abstract method named 'a\_method' and a non-abstract method which prints "This is a normal method of abstract class".**

**A class 'SubClass' inherits the abstract class and has a method named 'a\_method' which prints "This is abstract method".**

abstract class MM{

MM(){

System.out.println("This is constructor of abstract class");

}

abstract public void a\_method();

public void b\_method(){

System.out.println("This is a normal method of abstract class");

}

}

class Subclass extends MM{

Subclass(){

super();

}

public void a\_method(){

System.out.println("This is abstract method");

}

}

class SS{

public static void main(String[] args){

MM m = new Subclass();

m.a\_method();

m.b\_method();

}

}