/\*

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". Now create an object of 'SubClass' and call the abstract

 method and the non-abstract method. (Analyse the result)

\*/

//abstract class

abstract class Cls{

    //abstract method

    abstract void a\_method();

    //non-abstract method

    void n\_method(){

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

    }

    Cls(){

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

    }

}

class SubClass extends Cls{

    public void a\_method(){

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

    }

}

//main class

class Demo4{

    public static void main(String[] args){

        //create an object

        SubClass s = new SubClass();

        //call a method

        s.a\_method();

        s.n\_method();

    }

}