// Java Program to Illustrate

// that an instance of Abstract

// Class can not be created

// Class 1

// Abstract class

abstract class Base {

abstract void fun();

}

// Class 2

class Derived extends Base {

void fun()

{

System.out.println("Derived fun() called");

}

}

// Class 3

// Main class

class Main3 {

// Main driver method

public static void main(String args[])

{

// Uncommenting the following line will cause

// compiler error as the line tries to create an

// instance of abstract class. Base b = new Base();

// We can have references of Base type.

Base b = new Derived();

b.fun();

}

}

