package myPackage;

}public class MyClass

; private String name

private int age;

} ( public MyClass(String name, int age

; this.name = name

; this.age = age

{

{

} () public void displayInfo

; ( System.out.println("Name: " + name

; ( System.out.println("Age: " + age

{

} (public static void main(String[] args

; ( MyClass obj1 = new MyClass("John", 25

; ( MyClass obj2 = new MyClass("Alice", 30

; ( ":System.out.println("Object 1

; () obj1.displayInfo

:"); System.out.println("\nObject 2

; () obj2.displayInfo

{

{

**Inner class**

public class OuterClass

{

; private int outerVar = 10

} public class InnerClass

} () public void displayOuterVar

; ( System.out.println("Value of outerVar: " + outerVar

{

{

} ( public static void main(String[] args

; () OuterClass outerObj = new OuterClass

; () OuterClass.InnerClass innerObj = outerObj.new InnerClass

innerObj.displayOuterVar();

{

{

**Abstract class**

} abstract class Shape

; () abstract double area

; () abstract double perimeter

{

} class Rectangle extends Shape

; private double length

; private double width

} ( public Rectangle(double length, double width

this.length = length;

this.width = width;

{

@Override

} () double area

return length \* width;

{

@Override

} () double perimeter

; ( return 2 \* (length + width

{

{

}public class Main

} ( public static void main(String[] args

; ( Rectangle rectangle = new Rectangle(4, 3

; ( ()System.out.println("Area of rectangle: " + rectangle.area

; ( () System.out.println("Perimeter of rectangle: " + rectangle.perimeter

{

{

**Inheritance class**

}class Students

} () public void print

; ( " System.out.println("We are students at Tabuk University

{

{

}class CStudents extends Students

{

} public class Main

} ( public static void main(String[] args

; () CStudents cStudent = new CStudents

; () cStudent.print

{

{