class student{

String name;

int regno;

String dept;

String sec;

void combination()

{

System.out.println(name);

System.out.println(regno);

System.out.println(dept);

System.out.println(sec);

}}

public class Main {

public static void main(String[] args) {

student obj = new student();

obj.name="bhava";

obj.regno=39;

obj.dept="Ai&Ds";

obj.sec="A";

obj.combination();

}}

class Person {

private String name;

private int age;

public void setName(String name){

this.name=name;

}

public String getName(){

return name;

}

public void setAge(int age) {

this.age=age;

}

public int getAge(){

return age;

}

}

public class Main {

public static void main(String[]args){

Person person = new Person();

person.setName("Alice");

person.setAge(30);

System.out.println( person.getName() +"is"+person.getAge()+"years old.");

}

}

class name1{

void set() {

System.out.println("This is superclass");

}

}

class name2 extends name1{

void get() {

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

}

}

public class Main {

public static void main(String[]args){

name2 obj = new name2();

obj.set();

obj.get();

}

}

import java.util.Scanner;

// Class representing a Circle

class Circle {

double radius;

// Method to set the radius

void setRadius(double r) {

radius = r;

}

// Method to calculate and return area

double calculateArea() {

return Math.PI \* radius \* radius;

}

}

// Main class to run the program

public class Main {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

// Create object of Circle class

Circle circle = new Circle();

// Take user input

System.out.print("Enter radius of the circle: ");

double r = input.nextDouble();

// Set radius

circle.setRadius(r);

// Calculate and display area

double area = circle.calculateArea();

System.out.println("Area of the circle is: " + area);

input.close();

}

}

} class A{

int a;

String name,S;

void set(int a){

this.a=a;

System.out.println("The value of a is"+a);

}

void set(int a, String name){

this.a=a;

this.name=name;

System.out.println("The value of a is"+a+"name is"+name);

}

void set(String name, String S){

this.name=name;

this.S=S;

System.out.println("The value of name and S is"+name+S);

}

public static void main(String[]args){

A obj = new A();

obj.set("same","vel");

obj.set(9,"vel");

obj.set(8);

}