package mamun2;

import java.util.Scanner;

//CLASS

public class Main {

// MAIN METHOD, not class , below)

public static void main(String[] args) {

// System.out.println("Enter Your Favorite IntegerNumber: ");

Dog Mydog1 = new Dog(4,"Red","Dr. Smith");

int XX = Mydog1.getLegs();

String YY = Mydog1.getColor();

String ZZ = Mydog1.getVet();

System.out.println("Mydog1 Legs: " + XX);

System.out.println("Mydog1 Color: " + YY);

System.out.println("Mydog1 Vet: " + ZZ);

Mydog1.setLegs(3);

int XN = Mydog1.getLegs();

System.out.println("NEW Pet1 Legs: " + XN);

Mydog1.setColor("White");

String YN = Mydog1.getColor();

System.out.println("NEW Mydog1 Color: " + YN);

Mydog1.setVet("Dr. Williewonka");

String ZN = Mydog1.getVet();

System.out.println("NEW Mydog1 Vet: " + ZN);

} // end of method main

} // end of class MAIN

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

// START of class Animal = superclass

package mamun2;

public class Animal {

public int legs = 0;

public String color = "Undefined";

//Getter: How Many Legs

public int getLegs() {

return this.legs;

}

//Getter: Color

public String getColor() {

return this.color;

}

// Setter: # of Legs

public void setLegs(int newLegsvalue){

this.legs = newLegsvalue;

}

// Setter Color

public void setColor(String newColorvalue){

this.color = newColorvalue;

}

//constructor

public Animal(int l, String cl ) {

legs = l;

color = cl;

}

//no-arg constructor forsubclasses

Animal(){}

}

// END OF ANIMAL CLASS: super class

//\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

// START OF CLASS DOG: subclass

package mamun2;

public class Dog extends Animal {

public Dog(int legs, String color, String vet) {

// TODO Auto-generated constructor stub

}

public String Vet = "Dr. Nobody";

//Getter: Vet Name

public String getVet() {

return this.Vet;

}

// Setter Vet

public void setVet(String newVetvalue){

this.Vet = newVetvalue;

}

}

// END OF DOG CLASS