package BT1;

public class HoaQua {

private String ten,xuatXu;

private double giaBan;

private int ngayNhap,soLuong;

private double soKg;

public HoaQua() {

}

public HoaQua(String ten, String xuatXu, double giaBan, int ngayNhap, int soLuong,double soKg) {

super();

this.ten = ten;

this.xuatXu = xuatXu;

this.giaBan = giaBan;

this.ngayNhap = ngayNhap;

this.soLuong = soLuong;

this.soKg=soKg;

}

public double getSoKg() {

return soKg;

}

public void setSoKg(double soKg) {

this.soKg = soKg;

}

public String getTen() {

return ten;

}

public void setTen(String ten) {

this.ten = ten;

}

public String getXuatXu() {

return xuatXu;

}

public void setXuatXu(String xuatXu) {

this.xuatXu = xuatXu;

}

public double getGiaBan() {

return giaBan;

}

public void setGiaBan(double giaBan) {

this.giaBan = giaBan;

}

public int getNgayNhap() {

return ngayNhap;

}

public void setNgayNhap(int ngayNhap) {

this.ngayNhap = ngayNhap;

}

public int getSoLuong() {

return soLuong;

}

public void setSoLuong(int soLuong) {

this.soLuong = soLuong;

}

public String toString() {

return "ten=" + ten + ", xuatXu=" + xuatXu + ", giaBan=" + giaBan +"/kg " +", ngayNhap=" + ngayNhap

+ ", soLuong=" + soLuong ;

}

public double tinhTien() {

return this.giaBan\*this.soKg;

}

}

package BT1;

public class QuaCam extends HoaQua{

private String color="Cam";

public QuaCam() {

}

public String getColor() {

return color;

}

public void setColor(String color) {

this.color = color;

}

public QuaCam(String ten, String xuatXu, double giaBan, int ngayNhap, int soLuong, double soKg) {

super(ten, xuatXu, giaBan, ngayNhap, soLuong, soKg);

}

*@Override*

public String toString() {

return (super.toString() +"màu : "+this.color);

}

}

package BT1;

public class QuaTao extends HoaQua {

private String color = "Đỏ";

public QuaTao() {

}

public QuaTao(String ten, String xuatXu, double giaBan, int ngayNhap, int soLuong, double soKg) {

super(ten, xuatXu, giaBan, ngayNhap, soLuong, soKg);

}

*@Override*

public String toString() {

return ( super.toString() + "màu : " + this.color);

}

}

package BT1;

public class QuaCamSanh extends QuaCam{

public QuaCamSanh() {

}

public QuaCamSanh(String ten, String xuatXu, double giaBan, int ngayNhap, int soLuong, double soKg) {

super(ten, xuatXu, giaBan, ngayNhap, soLuong, soKg);

}

*@Override*

public String toString() {

return (super.toString() +"màu : "+super.getColor());

}

}

package BT1;

public class CamCaoPhong extends QuaCam{

public CamCaoPhong() {

}

public CamCaoPhong(String ten, String xuatXu, double giaBan, int ngayNhap, int soLuong, double soKg) {

super(ten, xuatXu, giaBan, ngayNhap, soLuong, soKg);

}

*@Override*

public String toString() {

return (super.toString() +"màu : "+super.getColor());

}

}

package BT1;

import java.util.Scanner;

public class test {

public static void main(String[] args) {

Scanner sc=new Scanner(System.***in***);

QuaCam qc=new QuaCam();

System.***out***.println("Nhập tên ");

qc.setTen(sc.nextLine());

System.***out***.println("Nhập giá bán ");

qc.setGiaBan(sc.nextDouble());

System.***out***.println("Nhập số kg muốn mua ");

qc.setSoKg(sc.nextDouble());

qc.setXuatXu(sc.nextLine());

System.***out***.println("nhập nguồn gốc ");

qc.setXuatXu(sc.nextLine());

System.***out***.println("Nhập số lượng hiện có ");

qc.setSoLuong(sc.nextInt());

System.***out***.println(qc);

}

}

Bài 2

package BT3;

public class Shape {

private String color="red";

private boolean filled=true;

public Shape(){

}

public Shape(String color, boolean filled) {

super();

this.color = color;

this.filled = filled;

}

public String getColor() {

return color;

}

public void setColor(String color) {

this.color = color;

}

public boolean isFilled() {

return filled;

}

public void setFilled(boolean filled) {

this.filled = filled;

}

*@Override*

public String toString() {

return "color=" + color + ", filled=" + filled;

}

}

package BT3;

public class Circle extends Shape{

private double radius=1.0;

private float PI=3.14f;

public Circle() {

}

public Circle(String color, boolean filled,double radius) {

super(color, filled);

this.radius=radius;

}

public Circle(double radius) {

super();

this.radius = radius;

}

public double getRadius() {

return radius;

}

public void setRadius(double radius) {

this.radius = radius;

}

//tinh dien tich

public double Arena() {

return this.PI\*this.radius\*this.radius;

}

public double Perimeter() {

return (2\*Math.***PI***\*this.radius);

}

*@Override*

public String toString() {

return(super.toString() +"Bán kính ="+this.radius);

}

}

package BT3;

public class Rectangle extends Shape {

private double width=1.0;

private double length=1.0;

public Rectangle() {

}

public Rectangle(double width, double length) {

this.width = width;

this.length = length;

}

public double getWidth() {

return width;

}

public void setWidth(double width) {

this.width = width;

}

public double getLength() {

return length;

}

public void setLength(double length) {

this.length = length;

}

public Rectangle(String color, boolean filled,double width, double length) {

super(color, filled);

this.width = width;

this.length = length;

}

public double Arena() {

return this.width\*this.length;

}

public double Perimeter() {

return (this.length+this.width)\*2;

}

*@Override*

public String toString() {

return(super.toString() +"width = "+this.width+", length = "+this.length);

}

}

package BT3;

public class Square extends Rectangle{

public Square() {

}

public Square(double side) {

super.setWidth(side);

super.setLength(side);

}

public Square(String color, boolean filled, double side) {

super.setColor(color);

super.setFilled(filled);

super.setWidth(side);

super.setLength(side);

}

public double getSide() {

return super.getWidth();

}

public void setSide(double Side) {

super.setWidth(Side);

super.setLength(Side);

}

public void setWidth(double side) {

super.setWidth(side);

}

public void setLenght(double side) {

super.setLength(side);

}

*@Override*

public String toString() {

return (super.toString() + ", width = lenght = side = "+this.getSide());

}

}

package BT3;

import java.util.Scanner;

public class test {

public static void main(String[] args) {

Square s=new Square();

Scanner sc=new Scanner(System.***in***);

System.***out***.println("Nhập cạnh");

s.setSide(sc.nextDouble());

System.***out***.println(s);

}

}