class Rectangle {

private double width;

private double height;

public Rectangle() {

width = -1;

height = -1;

}

public Rectangle(double width, double height) {

this.width = width;

this.height = height;

}

public double getArea(){

return width \* height;

}

public double getPerimetre(){

return 2 \* (width + height);

}

public double getWidth(){

return width;

}

public double getHeight(){

return height;

}

}

public class Lab1\_1 {

public static void main(String[] args) {

Rectangle figure1 = new Rectangle(4, 40);

Rectangle figure2 = new Rectangle(3.5, 35.9);

System.out.print("Ширина фигуры 1: " + figure1.getWidth() + "\nВысота фигуры 1: " + figure1.getHeight()

+ "\nПлощадь фигуры 1: " + figure1.getArea() + "\nПериметр фигуры 1: " + figure1.getPerimetre() + "\n");

System.out.print("\n");

System.out.print("Ширина фигуры 2: " + figure2.getWidth() + "\nВысота фигуры 2: " + figure2.getHeight()

+ "\nПлощадь фигуры 2: " + figure2.getArea() + "\nПериметр фигуры 2: " + figure2.getPerimetre() + "\n");

}

}

class Stock{

private String symbol;

private String name;

private double previousClosingPrice;

private double currentPrice;

public Stock(String symbol, String name, double oldPrice, double newPrice){

this.symbol = symbol;

this.name = name;

previousClosingPrice = oldPrice;

currentPrice = newPrice;

}

public String getChangePercent(){

double Percent = (currentPrice - previousClosingPrice) / (previousClosingPrice / 100);

String returned = Percent + "%";

return returned;

}

}

public class Lab1\_2 {

public static void main(String[] args) {

Stock stock = new Stock("SBER", "ПАО Сбербанк", 281.5, 282.87);

System.out.print("Изменение цены: " + stock.getChangePercent());

}

}

import java.time.\*;

class Date {

private long time;

public Date(long time) {

this.time = time;

}

public void printData() {

Instant instant = Instant.ofEpochSecond(time);

ZonedDateTime zonedTime = ZonedDateTime.ofInstant(instant, ZoneId.systemDefault());

System.out.println("Прошло секунд: " +time + "\nДата и время: " + zonedTime + "\n");

}

}

public class Lab1\_3 {

public static void main(String[] args) {

Date time1 = new Date(10000);

Date time2 = new Date(100000);

Date time3 = new Date(1000000);

Date time4 = new Date(10000000);

Date time5 = new Date(100000000);

Date time6 = new Date(1000000000);

Date time7 = new Date(10000000000l);

Date time8 = new Date(100000000000l);

time1.printData();

time2.printData();

time3.printData();

time4.printData();

time5.printData();

time6.printData();

time7.printData();

time8.printData();

}

}