//Student's Full name: Tasfique Enam

//Student's ID: 5886429

//Task2

package labtask6;

/\*\*

\*

\* @author Tasfique

\*/

import java.util.Scanner;

public class CircleMain {

public static void main(String[] args){

Scanner read = new Scanner (System.in);

Circle circle = new Circle();

Circle circle2 = new Circle();

Double radius, radius2;

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

radius = read.nextDouble();

System.out.println("Enter the radius of the circle 2 ");

radius2 = read.nextDouble();

circle.setRadius(radius);

circle2.setRadius(radius2);

System.out.println("Radius of the circle is "+circle.getRadius());

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

System.out.println("Diameter of the circle is "+circle.getDiameter());

System.out.println("Circumference of the circle is "+circle.getCircumference());

System.out.println("Radius of the circle is "+circle2.getRadius());

System.out.println("Area of the circle is "+circle2.getArea());

System.out.println("Diameter of the circle is "+circle2.getDiameter());

System.out.println("Circumference of the circle is "+circle2.getCircumference());

}

}

//Student's Full name: Tasfique Enam

//Student's ID: 5886429

//Task2

package labtask6;

/\*\*

\*

\* @author Tasfique

\*/

public class Circle {

private double radius;

public Circle(){

radius = 0.0;

}

void setRadius(Double radius){

this.radius = radius;

}

Double getRadius(){

return radius;

}

Double getArea(){

double area = Math.PI\*(radius\*radius);

return area;

}

Double getDiameter(){

double diameter = (radius\*radius);

return diameter;

}

Double getCircumference(){

double circumference = 2 \* Math.PI \* radius;

return circumference;

}

}

//Student's Full name: Tasfique Enam

//Student's ID: 5886429

//Task1

package labtask6;

/\*\*

\*

\* @author Tasfique

\*/

import java.util.Scanner;

public class TextBookMain {

public static void main(String[] args) {

String name,isbn,author,publisher;

Float price;

Scanner read = new Scanner (System.in);

TextBook textbook = new TextBook();

System.out.println("Enter the name of the book ");

name = read.nextLine();

System.out.println("Enter the isbn of the book ");

isbn = read.nextLine();

System.out.println("Enter the author of the book");

author = read.nextLine();

System.out.println("Enter the publisher of the book ");

publisher = read.nextLine();

System.out.println("Enter the price of the book ");

price = read.nextFloat();

textbook.setTextBookTitle(name);

textbook.setTextBookisbn(isbn);

textbook.setTextBookauthor(author);

textbook.setTextBookpublisher(publisher);

textbook.setTextBookpricePerUnit(price);

System.out.println(textbook.getTextBookTitle());

System.out.println(textbook.getTextBookisbn());

System.out.println(textbook.getTextBookAuthor());

System.out.println(textbook.getTextBookPublisher());

System.out.println("RM"+textbook.getTextBookpricePerUnit());

}

}

//Student's Full name: Tasfique Enam

//Student's ID: 5886429

//Task1

package labtask6;

public class TextBook {

private String title;

private String isbn;

private String author;

private String publisher;

private float pricePerUnit;

public TextBook(){

title = null;

isbn = null;

author = null;

publisher = null;

pricePerUnit = 0.0f;

}

void setTextBookTitle(String title){

this.title = title;

}

void setTextBookisbn(String isbn){

this.isbn = isbn;

}

void setTextBookauthor(String author){

this.author = author;

}

void setTextBookpublisher(String publisher){

this.publisher = publisher;

}

void setTextBookpricePerUnit(Float pricePerUnit){

this.pricePerUnit = pricePerUnit;

}

String getTextBookTitle(){

return title;

}

String getTextBookisbn(){

return isbn;

}

String getTextBookPublisher(){

return publisher;

}

String getTextBookAuthor(){

return author;

}

Float getTextBookpricePerUnit(){

return pricePerUnit;

}

}