**第二日上午**

# 課堂練習1

**import** java.util.Scanner;

**public** **class** Day2 {

**public** **static** **void** main(String[] args) {

Circle c1 = **new** Circle();

c1.setX(0);

c1.setY(0);

c1.setR(1);

c1.display();

c1.calArea();

c1.calPerimeter();

}

}

**class** Circle {

**public** **double** x;

**public** **double** y;

**public** **double** r;

**public** **double** PI = 3.14;

Circle() {

x = 0;

y = 0;

r = 1;

}

Circle(**double** r) {

**this**.x = 0;

**this**.y = 0;

**this**.r = r;

}

Circle(**double** x, **double** y) {

**this**.x = x;

**this**.y = y;

**this**.r = 1;

}

Circle(**double** x, **double** y, **double** r) {

**this**.x = x;

**this**.y = y;

**this**.r = r;

}

**public** **double** getX() {

**return** x;

}

**public** **void** setX(**double** x) {

**this**.x = x;

}

**public** **double** getY() {

**return** y;

}

**public** **void** setY(**double** y) {

**this**.y = y;

}

**public** **double** getR() {

**return** r;

}

**public** **void** setR(**double** r) {

**this**.r = r;

}

**public** **void** calArea() {

**double** area = 0;

area = PI \* r \* r;

System.***out***.printf("圓面積是:%.2f\n", area);

}

**public** **void** calPerimeter() {

**double** perimeter = 0;

perimeter = 2 \* PI \* r;

System.***out***.printf("圓周長是:%.2f\n", perimeter);

}

**public** **void** display() {

System.***out***.printf("x=%.2f\n", x);

System.***out***.printf("y=%.2f\n", y);

System.***out***.printf("r=%.2f\n", r);

}

}

# 課堂練習2

**import** java.util.Scanner;

**public** **class** Day2 {

**public** **static** **void** main(String[] args) {

}

}

**class** Employee {

**public** String name;

**public** **int** Date;

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** **int** getDate() {

**return** Date;

}

**public** **void** setDate(**int** date) {

Date = date;

}

**public** **void** getSalary(**int** month) {

System.***out***.print("本月工資:" + month);

}

}

**class** SalariedEmployee **extends** Employee{

**private** **float** monthSalary;

**public** **void** getSalary(**int** month) {

System.***out***.print("本月工資:" + month\*monthSalary);

}

}

**class** HourlyEmployee **extends** Employee{

**private** **float** hourSalary;

**private** **float** monthHours;

**public** **void** getSalary(**int** month) {

System.***out***.print("本月工資:" + month);

}

}