

Câu: Hồ Minh Trí 12 DHT - CNTT1

Public class Circle {

// Hui Bien

private double radius = 1.0;

private String color = "red";

// Ba constructors

Public Circle() {

}

// Constructor có 1 tham số radius

public Circle(double radius) {

this.radius = radius;

this.color = color "red";

}

// Constructor có 2 tham số

public Circle(double radius, String color) {

this.radius = radius;

this.color = color;

}

// Hàm getter và setter

public double getRadius() {

return radius;

}

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```
public void setRadius (double radius) {  
    this.radius = radius;  
}
```

```
public String getColor () {  
    return color;  
}
```

~~```
public String getColor () {
 return color;
}
```~~

-1

```
public void setColor (String color) {
 this.color = color;
}
```

\*. Hàm tính diện tích

```
public double getArea () {
 return math.PI * radius * radius;
}
```

// trai xuoi

@override

```
public String toString () {
 return "Circle [radius = " + radius + ",
 color = " + color + "]";
}
```

}

KOKUYO

Câu 2: Hồ Minh Trí

Public class Rectangle { }

private float length;

private float width;

public rectangle () { }

this.length = 1; // mặc định tùy chọn

this.width = 1;

}

Public rectangle ( float length, float width ) { }

this.length = length;

this.width = width;

}

// Getters and setters

public void setLength ( float length ) { }

this.length = length;

}

^P

public float getLength () { }

return width;

}

public void setWidth ( float width ) { }

this.width = width;

}

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```
public int get width () {
 return width;
}
```

// Area = Length \* width

```
public float get Area () {
 return length * width;
}
```

// Trả về

@override

```
public String toString () {
```

```
 return "Rectangle [length = " + length + "
 width = " + width + ", area = " + get Area () + "]";
```

```
}
```

```
}
```

Hồ Minh Trí

Câu 3: Public class Employee {  
    private int id;  
    private String first Name;  
    private String last name;  
    private int salary;

// Construction

    public Employee (int id, String first name,  
        String last name, int salary) {  
        this.id = id;  
        this.firstname = first Name;  
        this.lastname = last name;  
        this.salary = salary;  
    }

// Gộp họ và Tên

    public String get Full Name () {  
        return first Name + " " + last name;  
    }

~~public int~~

// Tổng Lương năm

    public int get Annual Salary () {  
        return salary \* 12;

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1) Lập class nhân viên  
public int raiseSalary(int percent){  
    this.salary = this.salary + (this.salary \* percent) / 100;  
    return this.salary;  
}

2) Hiển thị thông tin

(Override)

```
public String toString(){
 return "Employee[id=" + id + ", name=" +
 getfullname() + ", salary = " + salary + "]";
}
```

}

Hồ Minh Trí

Câu 4:

Public class Account {

private String id;

private String name;

private int balance;

public Account (String id, String name, int balance) {

this.id = id;

this.name = name;

this.balance = balance;

}

public int credit (int amount) {

if (amount > 0) {

this.balance += amount;

} else {

System.out.println ("Số tiền nạp vào không")  
}

return this.balance;

}

public int stTransferTo (Account another, int amount) {

if (amount <= balance) {

Ho' Minh Tuan'

this.balance -= amount;

another.credit (amount);

System.out.println ("Chuyen tien thanh cong");  
} else {

System.out.println ("Chuyen tien khong thanh cong:");  
so du k'et'i");

}

return this.balance;

}

public int getBalance () {

return balance;

}

@ override

public String toString () {

return "Account [id = " + id + ", name = " + name + ",

balance = " + balance + "]";

}

}

Hồ Minh Trí

Câu 5:

```
public class MyDate {
 private int day;
 private int month;
 private int year;
 public MyDate (int day, int month, int year) {
 this.day = day;
 this.month = month;
 this.year = year;
 }
}
```

1/ \* tra năm nhuận

```
public boolean isLeapYear () {
 return (year % 400 == 0) ||
 (year % 4 == 0 && year % 100 != 0);
}
```

```
public boolean isValidDate () {
 if (month < 1 || month > 12) {
 return false;
 }
}
```

```
 int maxDay = 30;
 switch (month) {
```

Hà Minh Trí

Census:

```
case1; case3; case5; case7; case8; case10;
case12;
```

maxday = 31;

break;

case4; case6; case9; case11;

maxDay = 30;

break;

case1;

```
if (is leap Year ()) {
```

max day = 29;

```
} else {
```

max day = 28;

```
}
```

break;

```
}
```

return (day) = 1 && day <= max day);

```
}
```

@override

```
public string ToString ()
```

```
return string. Format ("02d / 02d / 04d"
```

```
, day, month, year);
```

```
}
```