

Bài 1) Triển khai class circle theo diagram

```
Package Bai class circle ;  
Private Double length ;  
Private Double width ;
```

```
Package class circle ;  
Private Public class circle {  
Private Double radius ;  
Private String color ;  
Public class circle() {  
radius = 1.0 ;  
color = Red ;  
}
```

```
Public class circle { Double get radius ,  
String get color }  
radius = get radius ;  
color = get color ;  
}
```

```
public class Circle { double radius;
    color; }
    public void set radius, set
```

```
radius = set radius;
color = set color;
```

```
public
    public double get area () {
    }
```

```
return
    return Math.PI * radius * radius;
```

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



```
Package Bar ;  
Public class Rectangle {
```

```
    Private int length;  
    Private int width; }
```

```
    Public Rectangle() {  
        length = 0;  
        width = 0;  
    }
```

```
    Public Rectangle (int getLength, int get  
{
```

```
        length = getLength;  
        width = getWidth;  
    }
```

```
    Public int getArea() {  
        return length * width;  
    }
```

```
    Public static void main (String[] args) {  
        Rectangle r1 = new Rectangle();  
        System.out.println("Area: " +  
        r1.area());  
    }
```

```
rectangle r2 = new Rectangle(15.5f, 20f);  
System.out.println("Area r2 = " + r2.area());
```

```
Package Bai3;  
public class Employee {  
    private String lastName;  
    private String firstName;  
    private int id;    private int salary;  
    public Employee() { int id, String  
        firstName, String lastName, int salary }  
        this.id = id;  
        this.firstName = firstName;  
        this.lastName = lastName;  
        this.salary = salary  
    public int getId() {  
        return id;  
    }  
    public String getFirstName() {  
        return firstName;  
    }  
}
```



```
public String getLastName() {  
    return lastName;  
}
```

```
public String getFullName() {  
    return lastName + " " + firstName;  
}
```

```
public int getSalary() {  
    return salary;  
}
```

```
public void setSalary(int salary) {  
    this.salary = salary;  
}
```

Bài 4

```
package Bai4;  
public class Account {  
    private String id;  
    private String name;  
    private int balance;  
}
```

```
public class Account() {  
    balance = 0;  
}
```

```
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 String getId () {  
    return id;  
}
```

```
public String getName () {  
    return name;  
}
```

```
public int getBalance () {  
    return balance;  
}
```

```
public void credit (int amount) {  
    if (amount <= 0) {  
        System.out.println("Error");  
    }  
}
```


return;

balance += amount;

```
public void debit (int amount) {  
    if (amount <= 0) {  
        System.out.println("Salary Withdrawn  
        then to society");  
        return;  
    }
```

```
    if (amount > balance) {  
        System.out.println("than toch ko du!!");  
    } else {  
        balance -= amount;  
    }  
}
```

```
public void transferTo (Account account  
in amount) {  
    if (amount <= 0) {  
        System.out.println("to kalyach ko society");  
        return;  
    }
```

→
 if (amount > this.balance) {
 System.out.println("Sorry! Insufficient balance");
 return; // ko diti
 } else {
 this.balance -= amount;
 accCount++;
 }
 4

→

→