BÀI 1

```java
    public double getRadius(){
        return this.radius;
    }

    public String getColor(){
        return this.color;
    }

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

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

    public double area(){
        return this.radius*3.14*this.radius;
    }


    public String toString(){
        return "Radius : "+this.radius+" Color : "+this.color;
    }
}
```

```java
public class Buoi4 {
    public static void main(String[] args) {
        circle hinhtron = new circle();

        hinhtron.setRadius(3);
        System.out.println(hinhtron.area());
        System.out.print(hinhtron.toString());


    }

}
```

BÀI 2

```java
public class rectangle {
    private int length;
    private int width;

    public rectangle(){}

    public rectangle(int length,int width){
        this.length=length;
        this.width=width;
    }

    public void setLength(int length){
        this.length=length;
    }

    public void setWidth(int width){
        this.width=width;
    }

    public int getLength(){
        return length;
    }

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

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


public String toString(){
    return "Length : "+this.length+" Width : "+this.width;
}
```

```java
public class Buoi4 {
    public static void main(String[] args) {
        rectangle hcn = new rectangle();
        hcn.setLength(10);
        hcn.setWidth(5);
        System.out.println( "Dien tich la : "+ hcn.getArea());
        System.out.println(hcn.toString());
```

BÀI 3

```java
public class emloyee {
    private int id;
    private String firstName;
    private String lastName;
    private int salary;

    public emloyee(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;
    }
```

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

    public int getSalary(){
        return salary;
    }

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

    public int AnnualSalary(){
        return salary * 12;
    }

    public int upToSalary(int percent){
        return salary+(salary * percent)/100;
    }

    public String toString(){
        return "Id: "+this.id+
                "\nFull name: "+this.lastName+" "+this.firstName+
                "\nSalary: "+this.salary;
    }
```

```java
public class Buoi4 {
    public static void main(String[] args) {
        emloyee luong;
        luong = new emloyee();

        luong.setSalary(1000);
        System.out.println(luong.toString());
    }
}
```

BÀI 4

```java
public class account {
    private String id;
    private String name;
    private int balance;

    public account(String id,String name,int balance){
        this.balance=balance;
        this.id=id;
        this.name=name;
    }

    public String getId(){
        return id;
    }

    public String getName(){
        return name;
    }

    public int balance(){
        return balance;
    }

    public int credit(int amount){
        return balance + amount;
```

```java
    public int debit(int amount){
        if(balance <=0){
            return 0;
        } else  return balance - amount;
    }
```

```java
public class Buoi4 {
    public static void main(String[] args) {
        account abc = new account();
        abc.getId();
        abc.getName();
    }
}
}
```