Bai 1.

+ circle ()
+ circle (radius : double)
+ circle

```
public class circle {
    private double radius;
    private String color;
    public circle () {
        this. radius =        = 0;
        this. color = " red ";
    }
}
```

```java
public circle (double radius)
{
    this.radius = radius;
    this.color = "red";
}
    public circle (double radius,
string color) {
    this.radius = radius;
    this.color = color;
}

public double getRadius () {
    return radius;
}

public void setRadius ( double rad
    this.radius = radius;
}

public string getcolor () {
    return color
}

public double get Area () {
```

```
return Mat n . PI * radius va
drus;
public String toString (){
    return circle [ radius = r +
radius + " , color = " + color + "] ";
}
}
```

Bai 2.
```
public class Rectangle {.
    private int length;
    private int width;
```

```java
public Rectangle () {
    length = 0;
    width = 0;
}
public Rectangle (int length, int width)
    this.length = length;
    this.width = width;
}
    public void set length (int length)
    this.length = length;
}
public int getlength ()
{

    return length;
}
    public void setwidth (int width)
{

    this.width = width;
}
public int getwidth () {
    return width;
}
```

```java
public int getArea () {
    return length * width;
}
public String toString () {
    return "Rectangle [ length = "
length +
        ", width = " + width +
        ", area = " + getArea()+
"]";
}
}

public class Main {
public static void main ( String [] args)
{
        Rectangle r1 = new Rectangle ();
r1    setLength (5);
r1 .setWidth (3);

        System.out.println(r1.toString
());
        Rectangle r2 = new Rectangle
(4, 6);
```

} }   System.out.printhn (rx.toString)

Bài 3 .

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

    public String getFirstName () {
        return firstName;
    }

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

```java
public int getAnnualsalary(){
    return salary * 12;
}
public int uptosalary(int percent){
    Solory = salary + salary * percent
    /100;
}

public string to stang(){
    return "Employee [id =" + id+
    ", name = "+ getFullname () +
    ", Salary = " + salay + "]";
}
}
```

Bai 4
```java
public class Account{
    private String id;
    private String name;
    private int balance;
    public Account (String idname ;ba ;
    String name , int balance ) {
        this id = id;
        this name = name;
        this balance = balance;
```

```java
}
    public String get id (){
        return id;
    }
    public String get name (){
        return name;
    }
    public int get balance (){
        return balance;
    }
    public void credit (int amount){
        if (amount > 0){
            balance + = amount;
        }
    }
}

public void debt (int amount){
    if (amount <= balance){
        balance = amount;
    } else {
        System.out.println("ct rỗ thanh c")
    }
}
}
```

```java
public String toString() {
    Return "Account [id =" + id +
        ", name =" + name +
        ", balance =" + balance +"]";
}
}
```

Bài 5.

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

```java
    public int getDay() {
        return day;
    }
}
```

```java
public int getMonth(){
    return month;
}
public int getYear(){
    return year;
}
public void setMonth(int month){
    this.month = month;
}

public void setYear(int year){
    this.year = year;
}

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

public String(){
    return day + "/" + month + "/" + year
```