Bài 2.

```
public class Rectangle {
    private int length;
    private int width;
public this Rectangle
    this (length, width);
public Rectangle (int length, int width)
{   this.length = length;
    this.width = width;
}
public void setLength (int length) {
    this.length = length; }
public int getLength () {
    return length; }
public void setWidth (int width) {
    this.width = width; }
public int getWidth () {
    return width; }
public float area () {
    return length * width.
public String toString () {
```

[length =

return "Rectangle" + length + ",
width = " + width + "];

return "Length : " + this . length +
- width : " + this . width +

Bài 3:

```
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 . firstName = firstName;
    this . lastName = lastName;
    this . salary = salary;
}
public int getId. () {
   return Id ; }
public getfirstName () {
   return firstName ; {
```

```
public String getLastName (){
    return lastName ; }
public String getFullName (){
    return lastName + firstName ; }
public getSalary (){
    return salary ; }
public void setSalary (int salary) {
    this . salary = salary ; }
public int getSalary (){
    return salary ; }
public int getAnnualSalary (){
    return salary * 12 ; }
public int percentUpToSalary (){
    return (salary * precent ) / 100 ; }
public String toString (){
    return "id :" + id +
        - "firstName :" + firstName +
        - "lastName :" + lastName +
        - "salary :" + salary + }
}
```

~~Bài 3~~

Bài 4:

```
public class Account {
    private string id
    private String name
    private int balance.
public this 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) {
    this. balance += amount ; }
public void debit (int amount) {
    if (amount > this. blance) {
```

println
System.out.~~println~~("Thanh toan khong thanh
cong"); }

else {
this.balance -= amount; }

}

public void tranferTo (Account account,
int amount) {
if (amount > this.balance) {
System.out.println("Chuyen khong thanh
cong"); }

else {
this.balance -= amount;
account.credit(amount);

}

}

~~public~~

Bài 5:

```
public class Date {
    private int day;
    private int month;
    private int year;
public ~~class~~ this Date(int day, int month,
                           int year) {
    this.day = day;
    this.month = month;
    this.year = year; }
public int getDay() {
    return day; }
public int getMonth() {
    return month; }
public int getYear() {
    return year; }
public void setDay(int day) {
    this.day = day; }
public void setMonth(int month) {
    this.month = month; }
public void setYear(int year) {
```

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

public String toString () {
    return "Day: " + this.day +
           - "Month: " + this.month +
           - "Year: " + this.year + " } }
```

Bài 1:

```
public class Circle {
    private double radius;
    private String color;
public Circle () {
    this.radius = 1.0;
    this.color = "red"; }
public @a Circle (double radius, String color)
    { this.radius = radius;
     this.color = color;
public double getRadius () {
    return radius; }
```

```
public void setRadius (double radius){
    this.radius = radius;
public String getColor () {
    return color; }
public void setColor (String color) {
    this.color = color;
public double getArea () {
    return Math.PI * radius * radius; }
public String toString () {
    return "Circle [radius = " + this.radius +
                    color = " + this.color + "];
}
}
```

Hàm main bài 1.

```
public class CircleMain {
    public static void main (String [ ] args) {
        Circle circle 1 = new Circle ();
        display (circle 1);
        Circle circle 2 = new Circle (2.0);
        display (circle 2);
        Circle circle 3 = new Circle (2.0, Hải
```

```
        display(circle3);
    Circle circle4 = new Circle();
    circle4.setColor("Green");
    circle4.setRadius(3.0);
    display(circle4);
    }
    public static void display(Circle circle)
    { System.out.println(circle.toString());
      System.out.println("Area:" + circle.
                          getArea());
      System.out.println();
    }
}
```

Hàm main bài 2.

```
public class RectangleMain {
    public static void main(String[] args){
        Rectangle rectangle1 = new Rectangle
                                ();
        rectangle1.setLength(10);
        rectangle1.setWidth(14);
        System.out.println(rectangle1.
```

```
toString ());
        System.out.println ("Area:" + r
                rectangle1.getArea());
    }
}
```

Hàm main bài 3; 4.

```
public class AccountMain {
    public static void main (String [] args) {
        Employee employee = new Employee (1,
        "Nguyen", "An", 3000000);
        System.out.println (employee.getFullName());
        System.out.println (employee.getAnnual
                getAnnualSalary ());
        System.out.println (employee.toString());
        System.out.println ("Salary up to" +
                employee.upToSalary (10));
    }
}
```

Hàm main bài 5

```
toString ());
        System.out.println ("Area:" + r
                rectangle1.getArea ());
    }
}
```

Hàm main bài 3: EmployMain

```
public class AccountMain {
    public static void main (String [] args) {
        Employee employee = new Employee (1,
        "Nguyen", "An", 300000);
        System.out.println (employee.getFullName ());
        System.out.println (employee.getAnnual
                getAnnualSalary ());
        System.out.println (employee.toString ());
        System.out.println ("Salary up to " +
                employee.upToSalary (10));
    }
}
```

Hàm main bài 4:

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

```
Account accountA = new Account("A01",
    Van An", 50);
Account accountB = new Account("A02",
    Manh Hung", 30);
System.out.println(accountA.toString());
System.out.println(acount B.toString());
   AccountA.credit(20);
System.out.println("Nap:" + accountA.
                    getBalance());
   AccountA.debit(30);
System.out.println("Rut:" + accountA.
                    getBalance());
   AccountA.transfer(accountB, 10);
System.out.println("Chuyen:");
System.out.println("A balance:" + accountA.
                    getBalance());
System.out.println("B balance:" + accountB.
                    getBalance());
}
}
```

```
public class Main {
    public static void main (String [] args)
    {
        Date Date 1 = new Date (9, 8, 2025);
System.out.println ("Ngay :" + Date 1.toString());
System.out.println ("Nam Nhuan " + Date 1.
                                    isLeapYear ());

Date 1. set Year (2024
System.out.println("Nam ma :" + Date 1.getYear());
System.out.println ("Nam nhuan" + Date 1.getYear ());
    }
}
```