

Homework CH1 實驗心得報告:

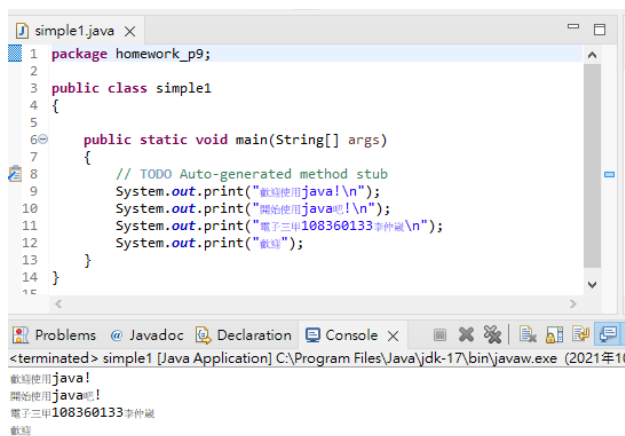
電子三甲 108360133 李仲崴

一. 心得:

首先學習不能依靠別人，只能靠自己；一開始看老師的投影片，覺得很簡單，但是等實際操做，才發現自己對 **JAVA** 的語法根本不熟悉，很多語法都沒辦法直接看題目，做出題目規定的成果；另外我還發現沒有一定的基礎，很難去將功課延伸很難去做變化，希望自己能趕快把幾基礎的程式語法背起來，並且不會忘記。

二. 實驗結果:

P9:

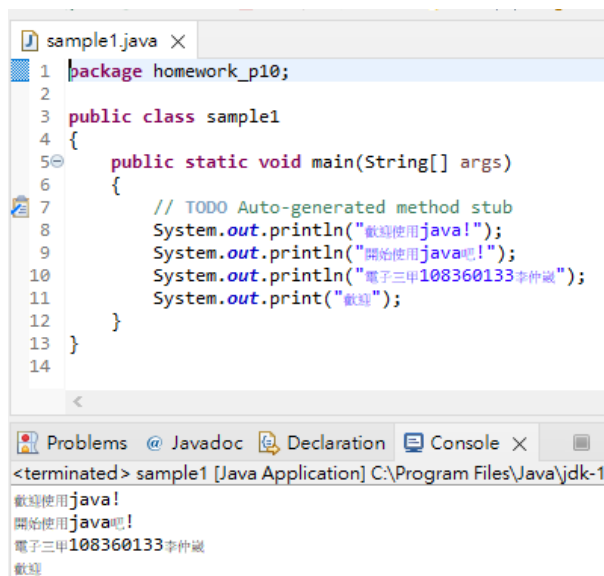


```
1 package homework_p9;
2
3 public class simple1
4 {
5
6     public static void main(String[] args)
7     {
8         // TODO Auto-generated method stub
9         System.out.print("歡迎使用java!\n");
10        System.out.print("開始使用java吧!\n");
11        System.out.print("電子三甲108360133李仲崴\n");
12        System.out.print("歡迎");
13    }
14 }
```

<terminated> simple1 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (2021年11月10日 下午 2:10)

歡迎使用java!
開始使用java吧!
電子三甲108360133李仲崴
歡迎

P10:

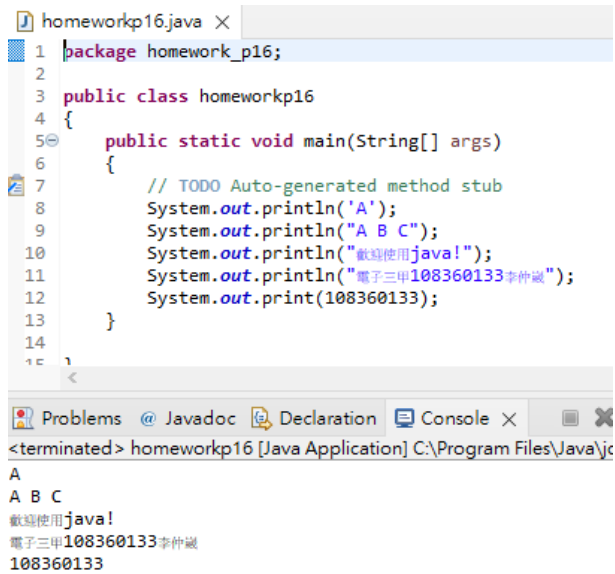


```
1 package homework_p10;
2
3 public class sample1
4 {
5     public static void main(String[] args)
6     {
7         // TODO Auto-generated method stub
8         System.out.println("歡迎使用java!");
9         System.out.println("開始使用java吧!");
10        System.out.println("電子三甲108360133李仲崴");
11        System.out.print("歡迎");
12    }
13 }
14 }
```

<terminated> sample1 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (2021年11月10日 下午 2:10)

歡迎使用java!
開始使用java吧!
電子三甲108360133李仲崴
歡迎

P16

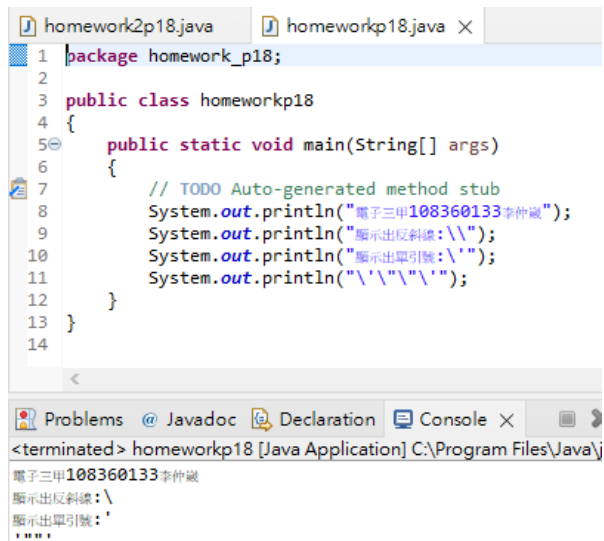


```
1 package homework_p16;
2
3 public class homeworkp16
4 {
5     public static void main(String[] args)
6     {
7         // TODO Auto-generated method stub
8         System.out.println('A');
9         System.out.println("A B C");
10        System.out.println("歡迎使用java!");
11        System.out.println("電子三甲108360133李仲崧");
12        System.out.print(108360133);
13    }
14 }
```

<terminated> homeworkp16 [Java Application] C:\Program Files\Java\j...

A
A B C
歡迎使用java!
電子三甲108360133李仲崧
108360133

P18



```
1 package homework_p18;
2
3 public class homeworkp18
4 {
5     public static void main(String[] args)
6     {
7         // TODO Auto-generated method stub
8         System.out.println("電子三甲108360133李仲崧");
9         System.out.println("顯示出反斜線:\\");
10        System.out.println("顯示出單引號:'");
11        System.out.println("\\\"\\'\\'");
12    }
13 }
14 }
```

<terminated> homeworkp18 [Java Application] C:\Program Files\Java\j...

電子三甲108360133李仲崧
顯示出反斜線:\\
顯示出單引號:'
\\\"\\'\\'

```
homework2p18.java × homeworkp18.java
1 package homework_p18;
2
3 public class homework2p18
4 {
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         System.out.println("電子三甲108360133李仲崧");
8         System.out.println("八進位數101的字元是:\101");
9         System.out.println("十六進位數0061的字元是:\0061");
10    }
11 }
12
13
14
```

Problems @ Javadoc Declaration Console ×

<terminated> homework2p18 [Java Application] C:\Program Files\Java\jdk-17\bin\java.exe

電子三甲108360133李仲崧
八進位數101的字元是:A
十六進位數0061的字元是:01

P19

```
homeworkp19.java ×
1 package homework_p19;
2
3 public class homeworkp19
4 {
5     public static void main(String[] args)
6     {
7         // TODO Auto-generated method stub
8         System.out.println("電子三甲108360133李仲崧");
9         System.out.println("十進位數10是"+10);
10        System.out.println("八進位數10是"+010);
11        System.out.println("十六進位數10是"+0x10);
12        System.out.println("十六進位數F是"+0xF);
13    }
14 }
15
16
```

Console ×

<terminated> homeworkp19 [Java Application] C:\Program Files\Java\jdk-17\bin\java.exe

電子三甲108360133李仲崧
十進位數10是10
八進位數10是8
十六進位數10是16
十六進位數F是15

P25

```
homeworkp25.java ×
1 package homework_p25;
2
3 public class homeworkp25
4 {
5     public static void main(String[] args)
6     {
7         // TODO Auto-generated method stub
8         int num,nb;
9         nb = 108360133;
10        num = 3;
11        System.out.println("李仲崧的學號是"+nb);
12        System.out.println("變數num的值是"+num);
13    }
14 }
15 }
16
```

Console ×

<terminated> homeworkp25 [Java Application] C:\Program Files\J...
李仲崧的學號是108360133
變數num的值是3

P26

```
homeworkp26.java ×
1 package homework_p26;
2
3 public class homeworkp26
4 {
5     public static void main(String[] args)
6     {
7         // TODO Auto-generated method stub
8         int nb;
9         nb = 108360133;
10        System.out.println("李仲崧的學號是"+nb);
11
12        nb = 108360132;
13
14        System.out.println("輸入登入");
15        System.out.println("XXX的學號是"+nb);
16    }
17 }
18 }
19
```

Console ×

<terminated> homeworkp26 [Java Application] C:\Program File...
李仲崧的學號是108360133
輸入登入
XXX的學號是108360132

P27

```
*homeworkp27.java X homeworkp25.java
1 package homework_p27;
2
3 public class homeworkp27
4 {
5     public static void main(String[] args)
6     {
7         // TODO Auto-generated method stub
8         int num1,num2;
9         num1 = 3;
10        System.out.println("變數num1的值是 "+num1);
11        num2 =num1;
12        System.out.println("將變數num1指定到變數num2之中");
13        System.out.println("變數num2的值是 "+num2);
14    }
15
16 }
17
```

Problems @ Javadoc Declaration Console X

<terminated> homeworkp27 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (2021年10月17日 下午11:47:18 -

變數num1的值是3
將變數num1指定到變數num2之中
變數num2的值是3

P28

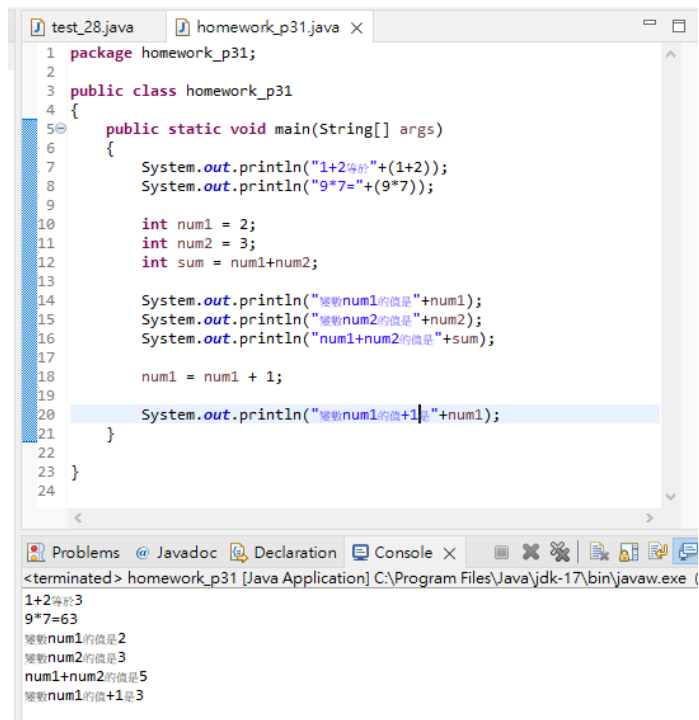
```
test_28.java X homeworkp27.java
1 package homework_p28;
2 import java.io.BufferedReader;
3 import java.io.InputStreamReader;
4 import java.io.IOException;
5 public class test_28
6 {
7     public static void main(String[] args)throws IOException
8     {
9         System.out.println("請輸入學號");
10        BufferedReader br1 =
11            new BufferedReader(new InputStreamReader(System.in));
12        String str1=br1.readLine();
13        int num=Integer.parseInt(str1);
14        System.out.println("您輸入的學號是:"+num);
15        System.out.println("請輸入字串");
16        BufferedReader br2 =
17            new BufferedReader(new InputStreamReader(System.in));
18        String str2=br2.readLine();
19        System.out.println("剛剛輸入的字串是:"+str2);
20    }
21 }
```

Problems @ Javadoc Declaration Console X

<terminated> test_28 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (202

請輸入學號
108360133
您輸入的學號是:108360133
請輸入字串
李仲崧
剛剛輸入的字串是: 李仲崧

P31

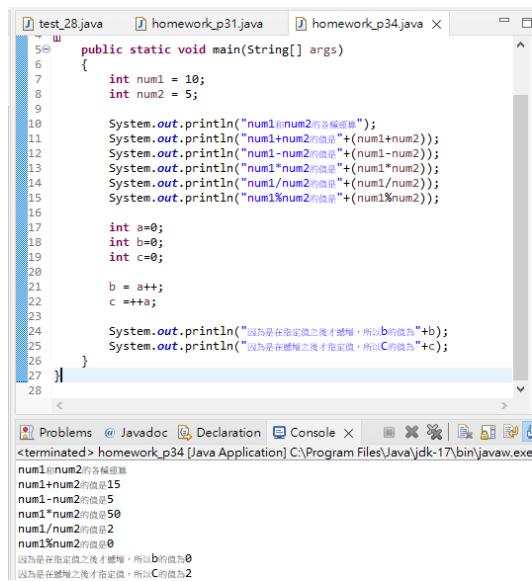


```
1 package homework_p31;
2
3 public class homework_p31
4 {
5     public static void main(String[] args)
6     {
7         System.out.println("1+2等於" + (1+2));
8         System.out.println("9*7=" + (9*7));
9
10        int num1 = 2;
11        int num2 = 3;
12        int sum = num1+num2;
13
14        System.out.println("變數num1的值是" + num1);
15        System.out.println("變數num2的值是" + num2);
16        System.out.println("num1+num2的值是" + sum);
17
18        num1 = num1 + 1;
19
20        System.out.println("變數num1的值+1是" + num1);
21    }
22 }
23
24
```

<terminated> homework_p31 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (

1+2等於3
9*7=63
變數num1的值是2
變數num2的值是3
num1+num2的值是5
變數num1的值+1是3

P34



```
5 public static void main(String[] args)
6 {
7     int num1 = 10;
8     int num2 = 5;
9
10    System.out.println("num1和num2的各種運算");
11    System.out.println("num1+num2的值是" + (num1+num2));
12    System.out.println("num1-num2的值是" + (num1-num2));
13    System.out.println("num1*num2的值是" + (num1*num2));
14    System.out.println("num1/num2的值是" + (num1/num2));
15    System.out.println("num1%num2的值是" + (num1%num2));
16
17    int a=0;
18    int b=0;
19    int c=0;
20
21    b = a++;
22    c = ++a;
23
24    System.out.println("因為是在指定值之後才遞增，所以b的值為" + b);
25    System.out.println("因為是在遞增之後才指定值，所以C的值為" + c);
26
27 }
28
```

<terminated> homework_p34 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe

num1和num2的各種運算
num1+num2的值是15
num1-num2的值是5
num1*num2的值是50
num1/num2的值是2
num1%num2的值是0
因為是在指定值之後才遞增，所以b的值為0
因為是在遞增之後才指定值，所以C的值為2

P38

```
1 package homework_p38;
2
3 public class homework_p38
4 {
5     public static void main(String[] args)
6     {
7         double dnum = 160.5;
8
9         System.out.println("身高是"+dnum+"公分");
10        System.out.println("指定給int變數的變數");
11
12        int inum = (int)dnum;
13
14        System.out.println("身高是"+inum+"公分");
15    }
16 }
17
18
```

<terminated> homework_p38 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (G

身高是160.5公分
指定給int變數的變數
身高是160公分

P39

```
1 package homework_p38;
2
3 public class homework_p38
4 {
5     public static void main(String[] args)
6     {
7         int d = 2;
8         double pi = 3.1415 ;
9
10        System.out.println("圓的半徑"+d+"公分中的圓");
11        System.out.println("圓面積為"+(d*pi)+"公分");
12
13        int num1 = 5;
14        int num2 = 4;
15
16        double div1 = num1/num2;
17        double div2 = (double)num1/(double)num2;
18
19        System.out.println("5/4="+div1);
20        System.out.println("5/42/3m6="+div2);
21    }
22 }
23
```

<terminated> homework_p38 [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (2

圓的半徑2公分中的圓
圓面積為6.283公分
5/4=1.0
5/42/3m6=1.25