

学号	姓名	提交时间	总分	成绩
-	姚自有	2023-04-13 20:33:27	100	100

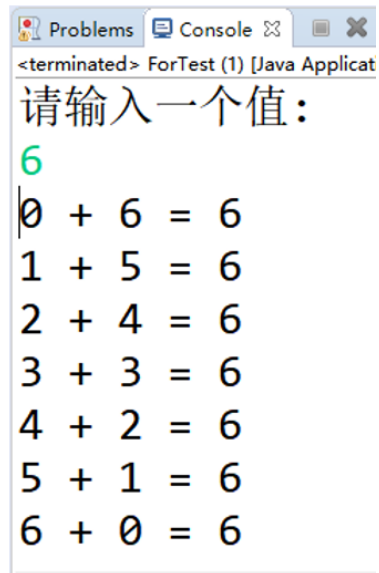
1. 【简答题】

得分 : 100/100

按要求打印

输入一个数，并按下图格式进行打印。

- 使用嵌套for循环结构的步骤



```
<terminated> ForTest (1) [Java Applicat
请输入一个值：
6
0 + 6 = 6
1 + 5 = 6
2 + 4 = 6
3 + 3 = 6
4 + 2 = 6
5 + 1 = 6
6 + 0 = 6
```

学生答案 : package A;

```
import java.util.Scanner;

public class cv {

    public static void main(String[] args) {

        Scanner w=new Scanner(System.in);
        System.out.println("请输入一个值");
        int a=w.nextInt();
        for(int i=0;i<=a;i++){

            for(int j=a;j>=0;j--){
                System.out.println(i+"+j"+"="+a);
                i++;
            }
        }
    }
}
```

The screenshot shows an IDE window with a Java source file on the right and its execution output on the left. The source code is as follows:

```
1 package A;
2
3 import java.util.Scanner;
4
5 public class cv {
6
7
8     public static void main(String[] args) {
9
10        Scanner w=new Scanner(System.in);
11        System.out.println("请输入一个值");
12        int a=w.nextInt();
13        for(int i=0;i<=a;i++){
14
15            for(int j=a;j>=0;j--){
16                System.out.println(i+" "+j+"="+a);
17                i++;
18            }
19        }
20    }
21
22 }
```

The execution output on the left shows the prompt "请输入一个值" followed by the user input "6". Below the input, the program prints the following arithmetic expressions:

```
0+6=6
1+5=6
2+4=6
3+3=6
4+2=6
5+1=6
6+0=6
```

参考答案：按要求打印