2 주차_202411965_누르다야나아이니

Exercise 01

```java
7        // TODO Auto-generated method stub
8
9        Scanner input = new Scanner(System.in);
10
11       int num;
12
13       do {
14           System.out.print("점수를 입력하세요: ");
15           num = input.nextInt();
16
17           // Exit 0 or -ve
18           if (num <= 0) {
19               System.out.print("종료");
20               break;
21           }
22
23           // string to keep zeros
24           String numStr = Integer.toString(num);
25           StringBuilder reversedStr = new StringBuilder(numStr).reverse();
26
27           // Add spaces
28           for (int i = 0; i < reversedStr.length(); i++) {
29               System.out.print(reversedStr.charAt(i));
30               if (i < reversedStr.length() - 1) {
31                   System.out.print(" ");
32               }
33           }
34           System.out.println();
35
36       } while (num > 0);
37
```

Problems @ Javadoc Declaration Console × Terminal

<terminated> Exercise01 (1) [Java Application] C:\Users\user\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.f

```
점수를 입력하세요: 2024
4 2 0 2
점수를 입력하세요: 10160
0 6 1 0 1
점수를 입력하세요: -10
종료
```

Exercise 02

```java
package 1ubw2;
import java.util.Scanner;

public class Exercise02 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        Scanner input = new Scanner(System.in);

        System.out.print("높이를 입력하세요: " );
        int rows = input.nextInt();

        for (int i = 1; i <= rows; i++) {

            int numberOfWhiteSpaces = rows - i;

            for (int j = 0; j < numberOfWhiteSpaces; j++) {
                System.out.print(" ");
            }

            for (int j = 0; j < i; j++) {
                System.out.print(i + " ");
            }

            System.out.println();
        }
```

Problems @ Javadoc Declaration Console × Terminal

<terminated> Exercise02 (1) [Java Application] C:\Users\user\.p2\pool\plugins\org.eclipse.justj.ope

```
높이를 입력하세요: 5
    1
   2 2
  3 3 3
 4 4 4 4
5 5 5 5 5
```

Exercise03

```java
package labw2;

public class Exercise03 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        double[][] score = {
            {1, 90, 57, 84},
            {2, 86, 33, 75},
            {3, 27, 90, 77},
            {4, 50, 71, 53},
            {5, 75, 45, 97}
        };

        int students = score.length;
        int subjects = score[0].length - 1; // (C, Java, Python)
        double[] average = new double[subjects];

        // Calculate average
        for (int i = 1; i <= subjects; i++) {
            double total = 0;
            for (int j = 0; j < students; j++) {
                total += score[j][i];
            }
            average[i - 1] = total / students;  // Store the average for each subject
        }

        // Print averages =
        System.out.printf("평균(C Java Python): %.1f %.1f %.1f%n", average[0], average[1], average[2]);

        // Print students below the average for each subject
```

Problems @ Javadoc Declaration Console × Terminal

<terminated> Exercise03 (1) [Java Application] C:\Users\user\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.10.v2024C

```
평균(C Java Python): 65.6 59.2 77.2
C 평균 미만 학생: 3 4
Java 평균 미만 학생: 1 2 5
Python 평균 미만 학생: 2 3 4
```