

2024-2학기 자바프로그래밍2 1주차 실습

문제 1

```
1 import java.util.*;
2
3 public class Exercise01 {
4
5     public static void main(String[] args) {
6
7         int n;
8         int result;
9
10        Scanner input = new Scanner(System.in);
11        System.out.print("숫자를 입력하세요: ");
12        n = input.nextInt();
13
14        result = n * (n + 1) / 2;
15
16        System.out.printf("1부터 %d까지의 합은 %d 입니다.\n", n, result);
17
18        input.close();
19    }
20
21 }
```

문제 2

```
1 import java.util.*;
2
3 public class Exercise02 {
4
5     public static void main(String[] args) {
6
7         Scanner input = new Scanner(System.in);
8         System.out.print("값을 입력하세요(단위:초) : ");
9         int time = input.nextInt();
10
11         int h = time/3600;
12         int m = (time%3600)/60;
13         int s = time%60;
14         System.out.println(h + "시간 " + m + "분 " + s + "초");
15
16         input.close();
17     }
18
19 }
```

문제 3

```
1 import java.util.*;
2
3 public class Exercise03 {
4
5     public static void main(String[] args) {
6
7         final double PI = 3.14;
8         int degree;
9         double radian;
10
11         Scanner input = new Scanner(System.in);
12         System.out.print("각도(degree)를 입력하세요: ");
13         degree = input.nextInt();
14
15         radian = degree * PI / 180;
16
17         System.out.printf("라디안(rad): %.2f\n", radian);
18
19         input.close();
20     }
21
22 }
```