



Sample Case 0

Sample Input 0

```
5
2
6
3
4
5
2
```

Sample Output 0

```
12
```

Explanation 0

Given *tickets* = [2, 6, 3, 4, 5], Jesse's position in line is marked in bold. His wait time looks like this:

0. *window* ← 2 ← 6 ← **3** ← 4 ← 5
1. *window* ← 6 ← **3** ← 4 ← 5 ← 1
2. *window* ← 3 ← 4 ← 5 ← 1 ← 5
3. *window* ← 4 ← 5 ← 1 ← 5 ← 2
4. *window* ← 5 ← 1 ← 5 ← 2 ← 3
5. *window* ← 1 ← 5 ← 2 ← 3 ← 4
6. *window* ← 5 ← 2 ← 3 ← 4 (the person at the head of the line in the previous step purchased their last ticket and does not re-enter the line)
7. *window* ← 2 ← 3 ← 4 ← 4
8. *window* ← 3 ← 4 ← 4 ← 1
9. *window* ← 4 ← 4 ← 1 ← 2
10. *window* ← 4 ← 1 ← 2 ← 3
11. *window* ← 1 ← 2 ← 3 ← 3
12. *window* ← 2 ← 3 ← 3 (Jesse purchased his last ticket and does not re-enter the line)

It took a total of 12 units of time to purchase 2 tickets.

Sample Case 1

Sample Case 2

C



```
1 #include <assert.h>
2 #include <ctype.h>
3 #include <limits.h>
4 #include <math.h>
5 #include <stdbool.h>
6 #include <stddef.h>
7 #include <stdint.h>
8 #include <stdio.h>
9 #include <stdlib.h>
10 #include <string.h>
11
12 char* readline();
13 char* ltrim(char*);
14 char* rtrim(char*);
15
```