4 kyu | 661

5 kyu **Affordable Vacation** ⌄

☆ 19 | ▣ 0 | ⚡ 100% of 21 | ◎ 30 of 54 | 👤 OsipovKonstantin

🐍 Python ⌄

↻ TRAIN AGAIN | ▶ NEXT KATA

| Details | ◎ Solutions | ⌥ Forks (1) | 💬 Discourse (24) | ⇄ Translations |

⌥ Fork | ≋ Collect | ✉ 🐦 f

DESCRIPTION:

The student has big plans for summer vacation after a stressful academic year. He has saved up some `money` and decided to travel to a neighboring city for a few **consecutive** `days`. Inspired by the desire to spend time in a new place, he compiled a list of housing rental costs for each of the anticipated days and recorded them in an array named `cost`.

Task

Find the cheapest accommodation for student's vacation.
It is guaranteed that the length of the cost array is greater than or equal to the duration of the vacation.

If there is enough money for travelling, return the answer in the format:

```
"money: {minimum_money_for_vacation}"
```

Otherwise, return the maximum duration of the vacation in the format:

```
"days: {maximum_duration_of_vacation}"
```

Help the student find the optimal solution for his summer vacation!

Examples

```
| money | days | cost          | result      |
|-------|------|---------------|-------------|
| 10    | 1    | [5]           | "money: 5"  |
| 10    | 1    | [3, 2, 4]     | "money: 2"  |
| 10    | 2    | [3, 7, 6]     | "money: 10" |
| 10    | 1    | [20, 15, 30]  | "days: 0"   |
| 10    | 2    | [9, 6, 7]     | "days: 1"   |
| 50    | 3    | [10, 40, 5]   | "days: 2"   |
```

Constraints for random tests (depends on language)

```
|                      | small   | medium | extra_large  |
|----------------------|---------|--------|--------------|
| tests                | 10      | 10     | 10           |
| money                | 1-10    | 1-50   | 1 to 30-300M |
| days                 | 1-4     | 1-20   | 1 to 0.03-3M |
| cost.length          | 1-10    | 1-50   | 1 to 0.1-15M |
| cost[i]              | 1-10    | 1-10   | 1 to 400     |
| cost.length >= days  | true    | true   | true         |
```

SIMILAR KATA:

8 kyu **Transportation on vacation** ✓

☆ 543 | ▣ 118 | ⚡ 92% of 6,807 | ◎ 109,104 | 👤 Milford
⚠ 2 Issues Reported
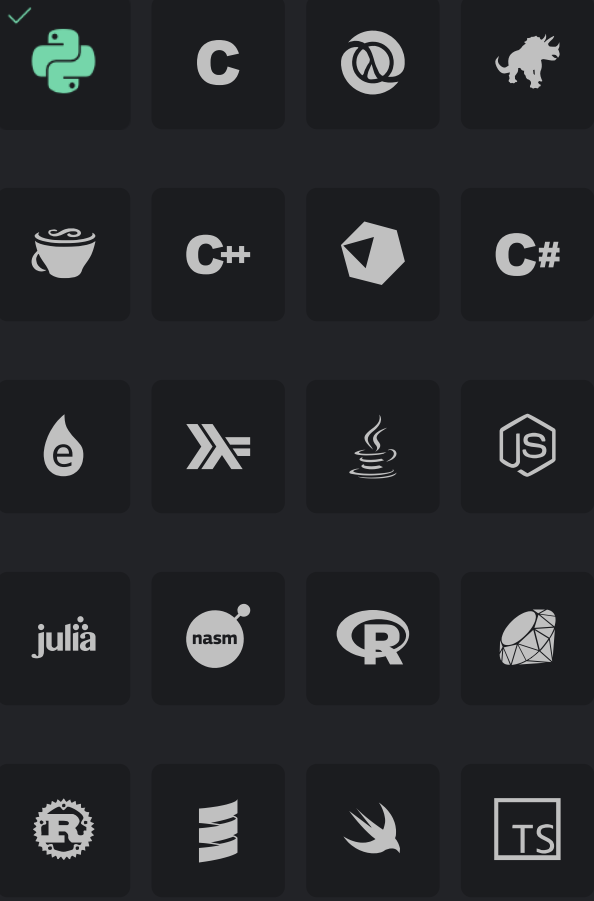
STATS:

Created	Jul 4, 2024	⚡ % of votes with a positive feedback rating ⓘ	100% of 21
Published	Jul 4, 2024	😀 Total "Very Satisfied" Votes ⓘ	21
Warriors Trained	468	😐 Total "Somewhat Satisfied" Votes ⓘ	0
Total Skips	20	☹ Total "Not Satisfied" Votes ⓘ	0
Total Code Submissions	582	Total Rank Assessments	12
Total Times Completed	54	Average Assessed Rank	5 kyu
Java Completions	10	Highest Assessed Rank	5 kyu
JavaScript Completions	25	Lowest Assessed Rank	6 kyu
Python Completions	30		
C# Completions	9		
Ruby Completions	9		
PHP Completions	9		
Julia Completions	3		
Total Stars	19		