



Level 2

CLOUDFLIGHT
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LEVEL 2

- The spaceship can also stand still or move back
- The sequences now include zeros and negative paces
- "0" represents no movement in space, while still taking 1 unit of time
- Negative paces represent a movement in the opposite direction, while still taking a positive amount of time

Pace	-1	-2	-3	-4	-5	0	5	4	3	2	1
Units of Space	-1	-1	-1	-1	-1	0	1	1	1	1	1
Units of Time	1	2	3	4	5	1	5	4	3	2	1

- **For each sequence, calculate the final position of the spaceship as well as the time it takes to complete**
- The spaceship starts at position 0

Input

Name	Description	Example
N	Number of sequences	3 0 5 5 0
Sequence (repeated N times)	A list of integers separated by spaces, each representing a pace	0 5 5 0 -5 0 0 -5 -4 -3 -2 -3 -4 -5 0

Output

Name	Description	Example
Position and Time (repeated N times)	The final position and time separated by a space	2 12 1 18 -7 28

Good Luck!



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