Problem L : The circle of death

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output

In the world of One Piece, there is a certain legend about a circle at sea where numerous ships vanished without a trace. This circle came to be known as the circle of death.
The straw hat pirates found themselves obligated to pass through this circle to reach a certain island.
Nami, their bright navigator, uncovered the secret behind this phenomenon.
She found out three key observations about the circle:

- The circle of death is formed by **n** specific points.
- Within the circle of death, there are danger zones and safe zones.
- The danger zones are the **right triangles** that can be formed using any 3 points from the **n** points forming the circle.

Help Nami find the number of danger zones so that the ship can avoid them to reach their destination safely.

Input Format

The first line contains an integer n $(3 \leq n \leq 10^5)$, the number of points.

The second line contains n space-separated integers $\mathbf{a_i}$ $(1 \leq a_i \leq 10^9)$ – the **length of the arc** between point i and point i+1 $(1 \leq i \leq n-1)$, and a_n is the distance between the point number n and the first point.

Output Format

Output the number of unique danger zones that appear in the circle.

Example:

Input :

```
4
3 2 1 4
```

Output :

```
2
```

Input :

```
3
1 2 3
```

Output :

```
1
```