# Level Foundation
Problem ID: levelfoundation

Bob, a recently retired builder with a strong sense for conservationism, has recently retired and bought a large block of land in the mountains, on which he wishes to build a new house. After reviewing the plans for the house, the architect has advised Bob, that the ground on which the house is built, must be completely level in order to provide a solid foundation.

To simplify this task, the relevent 2D cross section of the landscape has been represented as integer blocks representing the height at that location.
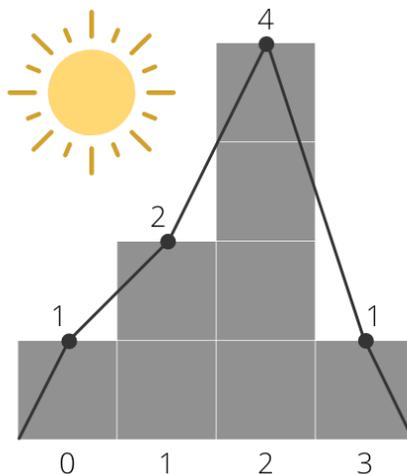
As Bob is a retired builder, he is easily able to move blocks of dirt to level out a section of land for his house to be built. However, being a conservationist, Bob does not want to alter any of the natural landscape other than where his house will be built.

As such, he wants the location for his new house to be able to be leveled out without any remaining blocks of dirt left over that would then have to be dumped on the surrounding landscape. Help Bob find a suitable location for his new house, such that it is possible to level the land at that location without having any additional blocks of dirt left over.

Input

- The first line contains two integers, n and k, where n represents the width of the block of land and k represents the desired width of the house to be built. ($1 \leq k \leq n \leq 10^7$).

- The second line contains n integers, where the ith integer, $h[i]$, represents height of the land at location i. ($0 \leq h[i] \leq 10^5$).

Output

- If a suitable location exists, print both the left and right locations of where the house should be built. If multiple suitable locations exist, print the one with the lowest left and right location.

- If no suitable location is available, print NO instead.

Sample Input 1

```
4 2
1 2 4 1
```

Sample Output 1

```
1 2
```

Sample Input 2

```
5 3
1 2 2 1 2
```

Sample Output 2

```
NO
```