There is a function signFunc(x) that returns:

- 1 if x is positive.
- -1 if x is negative.
- 0 if x is equal to 0.

You are given an integer array nums. Let product be the product of all values in the array nums.

Return signFunc(product).

Example 1:

```
Input: nums = [-1,-2,-3,-4,3,2,1]
Output: 1
Explanation: The product of all values in the array is 144, and signFunc(144) =
1
```

Example 2:

```
Input: nums = [1,5,0,2,-3]
Output: 0
Explanation: The product of all values in the array is 0, and signFunc(0) = 0
```

Example 3:

```
Input: nums = [-1,1,-1,1,-1]
Output: -1
Explanation: The product of all values in the array is -1, and signFunc(-1) =
-1
```

Constraints:

- 1 <= nums.length <= 1000
- -100 <= nums[i] <= 100

Approach :

We need multiplication of an array elements to check the result is positive or negative so simply i do multiplication of an array element and then check the answer is positive negative or zero.

Step - 1 : initialize product variable to 1

Step - 2 : for loop perform until product of an array elements

Step - 3 : answer of an product will check, if it is zero returns 0,if it positive returns 1,if it negative returns -1.