

1. Create a function that takes an array of strings as input. The array contains “++X”, “X++”, “--X” and “X--”. The initial value of **X** is **0**.

++X and **X++** :- increments the value of the X by 1.

--X and **X--** :- decrements the value of the X by 1.

Return the final value of **X** after performing all the operations. **(Score 2)**

Examples

operations(["--X", "X++", "X++"]) → 1

operations(["++X", "++X", "X++"]) → 3

operations(["X++", "++X", "--X", "X--"]) → 0

2. Create a function that moves all capital letters to the front of a word. **(Score 3)**

Examples

capToFront("hApPy") → "APhpy"

capToFront("moveMENT") → "MENTmove"

capToFront("shOrtCAKE") → "OCAKEshrt"

3. Given a non-empty array of integers, every element appears twice except for one. Find that single one. **(Score 3)**

Examples

singleNumber([2, 2, 1]) → 1

singleNumber([4, 1, 2, 1, 2]) → 4

singleNumber([3]) → 3

4. Write a function that takes an array of numbers as input and returns the sum of array elements which are multiples of 4. **(Score 2)**

Examples

getSum([1, 4, 8, 5, 2]) → 12

`getSum([1, 2, 3, 4, 5]) → 4`

`getSum([16, 12, 3, 1, 8]) → 36`