Challenge: Resizing a Vector

This lesson will check your knowledge of vectors.

Problem Statement

Given a vector with an even number of elements, remove the last element from the input vector, and then the middle element. Then insert the sum of the remaining elements to the end of the resulting vector.

Input

```
A vector array
```

Output

```
An updated vector array
```

Sample Input

```
[1, 5, 7, 9]
```
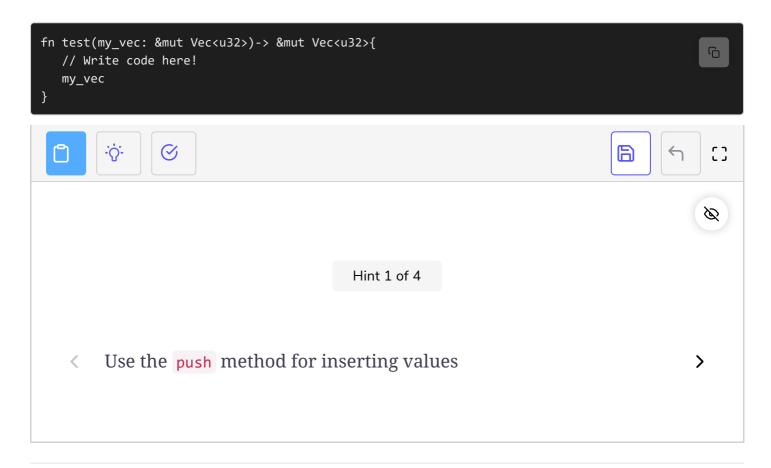
Sample Output

```
[1, 7, 8]
```

Coding Exercise

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

> **Note:** There is a `test` function given in the code for testing purposes. Do not modify it.

Good luck! 🤞

```rust
fn test(my_vec: &mut Vec<u32>)-> &mut Vec<u32>{
    // Write code here!
    my_vec
}
```

Hint 1 of 4

< Use the `push` method for inserting values >

Let's move on to the detailed solution of the above problem in the next lesson.