Challenge 2: Return an Array of Squares

This challenge tests your knowledge of functions and arrays.



Problem Statement

The task is to modify the given function <code>arr_square()</code> to use loops to iterate over an array and replace all of its elements by their squares.

Output

The function should return the following array:

```
[1, 4, 9, 16, 25]
```

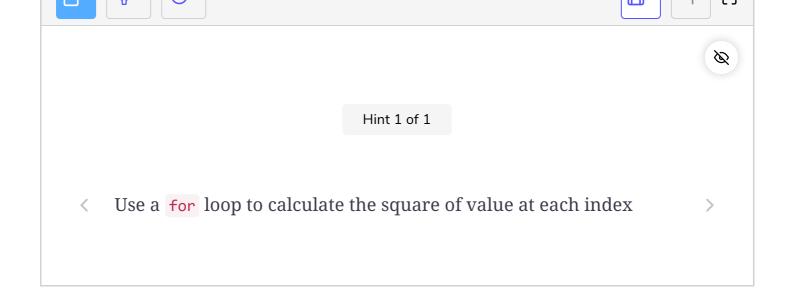
Coding Exercise

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

Note: There is an arr_square function given in the code for testing purposes. Do not modify it.

Good luck! 🖔

```
fn arr_square() -> [i32;5] {
    // Write code here!
    [0, 0, 0, 0, 0]
}
```



Let's move on to the detailed solution review in the next lesson.