# Quiz 2:

## Result of code on the test cases:

Test Cases

Test Case 1: Find 8 in [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

Output: The item 8 is found at index 7.

Test Case 2: Find 32 in [1, 5, 7, 9, 15, 30, 33, 37, 41, 42, 43, 65, 69]

Output: The item 32 is not found.

## Analyze:

* Time Complexity: O(log3n)
* Space Complexity: O(1)