Ce10 Report

Explanation:

1. **Test that fails**: This test intentionally fails by comparing the input array to the expected maximum value. The test fails because the actual output (the array itself) is not the maximum value.

   o **Input**: [-3, 5]

   o **Expected Output**: 5

   o **Actual Output**: [-3, 5]

   o **Result**: Fail

2. **Test that throws an error**: This test ensures that the function throws an error when the input is null. The test won't catch this error, simulating a scenario where the function fails.

   o **Input**: null

   o **Expected Output**: null

   o **Actual Output**: Error thrown by findmax

   o **Result**: Error

3. **Test that passes**: This test verifies that the function correctly identifies the maximum value in a given array.

   o **Input**: [5, -3]

   o **Expected Output**: 5

   o **Actual Output**: 5

   o **Result**: Pass

Equivalence Class Testing

Empty array:

Input: []

Expected Result: Error or specific handling of empty input.

Array with null values:

Input: [null, null]

Expected Result: Error or specific handling of null values.

Array with NaN values:

Input: [NaN, NaN]

Expected Result: Error or specific handling of NaN values.

Array with a single ordinal value:

Input: [42]

Expected Result: 42

Array with more than one ordinal value and the max value is at index 0:

Input: [5, 1, 2]

Expected Result: 5

Array with more than one ordinal value and the max value is at index N-1, where N is the length:

Input: [1, 4, 5, 9]

Expected Result: 9

Array with more than one ordinal value and the max value is not at index 0 nor index N-1:

Input: [3,9,6]

Expected Result: 9

Null value:

Input: null

Expected Result: Error