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Asignatura:

Laboratorio Tendencias de Desarrollo de Software

Sección:

1

Maestro:

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Test Plan - Dead Ant Count Algorithm

Objective

The objective of this test plan is to verify the correctness of the dead ant count algorithm by testing various scenarios.

Scenarios

Positive scenarios

- ❖ Input with multiple occurrences of “ant” and dead ants:
 - Input: “ant ant a nt”
 - Expected: 1
- ❖ Empty input string
 - Input: ""
 - Expected: 0
- ❖ Input string containing only spaces:
 - Input: “ ”
 - Expected: 0
- ❖ Input with varied occurrences of “ant” and dead ants:
 - Input: “ant anantt aantnt”
 - Expected: 2

Negative scenarios

- ❖ Null input:
 - Input: null
 - Expected: 0
- ❖ Input string with only “ant” and no dead ants:
 - Input: “ant ant ant ant”
 - Expected: 0
- ❖ Input with no occurrences of “ant”
 - Input: “Prove”

- Expected: "0"
- ❖ Input string with invalid characters.
- Input: "ant_1%#...a....ant"
 - Expected: 1