# Test Plan – Vote Count

Necessary cases to test will vary by problem.

As a starting point, write a test plan that looks for:

* the typical cases for the problem given
* the boundary conditions on all input values
* invalid inputs

Show the input sequence for a given case, and list the expected output.

| Test Cases | |
| --- | --- |
| **Description** | **Given Input (in bold) and Expected Output** |
| Typical case(s) | How Many Votes: **5**  **AABBA** Output : A  How Many Votes: **9**  **ABBABBABB** Output : B  How Many Votes: **3**  **BAA** Output : A  How Many Votes: **6**  **AABBBA** Output : TIE |
| Boundary condition(s) | How Many Votes: **1**  **A** Output : A  How Many Votes: **15**  **BAAABBBABBAABBA** Output : B  How Many Votes: **16**  How Many Votes: **6**  **AABBBA** Output : TIE |
| Invalid input(s) | How Many Votes: **A**  How Many Votes : **6**  **AABBBA** Output : Tie  How Many Votes : **Hotdog**  How Many Votes : **5**  **BBBBA**  Output : B  How Many Votes : **8**  **ABBA** Output : Error  How Many Votes : **5**  **AABBEA** Output : Error |