# 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? **6**  **AAABBB** Tie  How Many Votes? **3**  **AAB** A  How Many Votes? **10**  **AABBBBBBBB** B |
| Boundary condition(s) | How Many Votes? **16**  **AAAAAAAAABBBBBBB** A  How Many Votes? **1**  **A** A |
| Invalid input(s) | How Many Votes? **foo**  How Many Votes? **2**  **BB** B  How Many Votes? **17**  How Many Votes? **16**  **AAAAAAAAABBBBBBB** A  How Many Votes? **0**  How Many Votes? **16**  **AAAAAAAAABBBBBBB** A  How Many Votes? **3**  **AAB** A |