# 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? 4  ABAA  A  How many votes? 7  BBBBBBB  B  How many votes? 2  AB  TIE |
| Boundary condition(s) | How many votes? 1  A  A  How many votes? 15  AAAAABBABBAAABB  A |
| Invalid input(s) | Prompt? **input** Output  How many votes? -50  ERROR  How many votes? EEPROM  ERROR  How many votes? 50  ERROR |