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.

One example from the “Calendar” assessment from earlier this year is shown below. You can replace this with your own test case.

Test Cases	
Description	**Given Input (in bold) and Expected Output**
“Typical” case, A wins	How many votes? **8** **AAAABBBA** A
“Typical” case, B wins	How many votes? **8** **BBBBAAAB** B
“Typical” case, Tie	How many votes? **8** **BBBAAABA** Tie
Boundary condition – minimum number of votes	How many votes? **1** **A** A

Test Cases	
Description	**Given Input (in bold) and Expected Output**
Boundary condition – maximum number of votes	How many votes? **15** **AABBAABBAABBAAB** A
Invalid input – for votes expected	How many votes? How many votes? **bananas** How many votes? **-1** How many votes? **0** How many votes? **16** How many votes? **10** **AABBAABBAA** A
Invalid input – number of votes provided exceed those expected	How many votes? **5** **BBAABB** Error
Invalid input – number of votes provided not as many as expected	How many votes? **5** **AABB** Error
Invalid input – votes provided do not match values expected	How many votes? **6** **AABBbA** Error