# Algorithm Description – Vote Count

In plain English, point-form, think through the steps necessary to solve the given problem.

Make use of key words like *compare*, *iterate*, *store*.

In code, of course, these translate to conditional statements, loops, and using variables.

## Algorithm

INPUT:

* Prompt the user for the number of votes
* If the number of votes is in the valid range prompt for the letters that represent votes for each singer. Print an error if a proper integer is not givin
  + Count the number of characters in the string and verify it is equal to the number of votes given
    - Verify that all characters in the string are A’s and B’s 2

PROCESS:

* Get the count of A and B characters respectively and compare to see which singer won
* Set which singer won to an output variable

OUTPUT:

* Print the output variable