# 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
* Collect number of votes
* Iterate until valid input is received
* Show prompt
* Get Input
* Check if it’s an integer
* Check if it’s in the valid range (1-15)
* Store the number of votes
* Ask if the votes where for a or b
* Process
* Check if it’s a non string
* If the AB votes have anything over or under the number of votes print error
* If the Votes Aren’t A or B print error
* If accepted store the votes

Output

* If there are more a than b vote print A
* If there are more b than a votes print b
* If there are the same amount of votes print tie