**Part 3: Logic Check**

* 1
  + The number is within the range that has been placed, it is given a character. The character of the number 1 is A.
* 1000
  + Since it is out of the range that has been placed (**if (num > 27)**), it considered an invalid input.
* 500000000000
  + When I input the number, I get an error. This error occurs because the number is too big for it to fit into the project. Since the project only works with doubles, while this number is a string; a string is larger than a double.
* -500000000000
  + This one is similar to the previous one; since it is considered a string, it is too big for the double and caused an error to occur in the output.
* 12,345
  + This number is out of the range that has been placed (**(if (num > 27)**), it considered an invalid input.
* 789.543
  + This number is a floating number. Since our inputs are only integers, floating numbers are too big and will cause loss data.
* -0
  + Since the number is not in the range because 0 is less than all of the numbers 1 – 26, therefore we won’t get a character. And since it is not larger than 27, we won’t get that it is an invalid input. The only thing that was outputted was “You have entered 0.0.”