Tester File Output (It is filled with the times from the majority method)

A screenshot of a computer

Description automatically generated

User Input file:

A computer screen with white text

Description automatically generated

This method just checks to see if there is an index that matches the value in an array. It basically just runs all the way through the element and if it runs into one it returns true.

A computer screen shot of a code

Description automatically generated

This code runs every number less than the sqrt of the given integer and checks to see if it divides into it with no remainder.

A computer screen shot of a code

Description automatically generated

This code is a little more involved when we check for a majority element in an array. The code itself just sets a temp int and then it runs through each index of the array and if it has the same value as the temp int, it adds 1 to the counter. If the counter ever exceeds half of the length of the array. It’ll just return true.

A screen shot of a computer program

Description automatically generated

Big Oh Tester output

A screen shot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated