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CS362 – Random Testing Quiz

## Implementation:

### inputChar:

For inputChar I chose to implement only the necessary letters needed to cause an error. inputChar selects random chars out of [ , ( , { , a, x, }, ), and ]. By selecting only these characters for randomization, it allows the 'status' to increment more quickly when running the random input.

### inputString:

For input String, I chose to implement a character string with a maximum of 5 values. Then, I had a loop choose 4 random characters out of e, r, s, and t. By selecting only the characters needed in the randomization, it also cut down on the run time. I then had the last character always be assigned the null terminating character.

### Error Message:

After looping though, the status increases rapidly, and since there are only 256 possibilities of combinations of 4 letters, the program displays the error message when finding "rest\0" quickly despite all the letters being randomly selected.