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Random Tester Quiz

To develop the testing code I wanted to look at two ways. The first was to use a large subset of the ASCII table that included all the required characters and using a random number generator to select from the pool. However this approach was taking far too long and creates a large number of additional test combinations in the string portion of the test. It did work fine for the first 9 stages however.

In the end I went with a second approach which was to take only a subset of the ASCII characters needed to produce the error and randomly selected from the 18 characters. This still makes for a large random sample size but arrives at the error in a more suitable time.

Running instructions: use the command `make all` to compile and execute the code.