

Exercise 151: Two Word Random Password

(Solved—37 Lines)

While generating a password by selecting random characters generally gives a relatively secure password, it also generally gives a password that is difficult to memorize. As an alternative, some systems construct a password by taking two English words and concatenating them. While this password isn't as secure, it is much easier to memorize.

Write a program that reads a file containing a list of words, randomly selects two of them, and concatenates them to produce a new password. When producing the password ensure that the total length is between 8 and 10 characters, and that each word used is at least three letters long. Capitalize each word in the password so that the user can easily see where one word ends and the next one begins. Display the password for the user.