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| --- | --- | --- |
| Input | Process | Output |
| - keys from dictionary 'commands'  - keys from dictionary 'choices'  - password length  - username/email | - read the dictionary 'key\_password'  - read the dictionary 'choices'  - read the dictionary 'command'  - write random letters to dictionary 'key\_password'  - write random letters with numbers to dictionary 'key\_password'  - write random letters with numbers and punctuations to dictionary 'key\_password  - write new\_username to dictionary 'Key\_password'  - write new\_password to dictionary 'key\_password'  - delete username from dictionary 'key\_password'  - exit program | - display username  - display password with random letters  - display password with random letters and numbers  - display password with random letters, numbers, and  punctuations  - display new\_password  - display Success message  - display Error message |