

## Text editor

- edit documents that are stored in plain-text format

## Files

- Human language files
- programming language files
- formatted text files
- program and system config files
- program log files

## Script

- program written in an interpreted language, typically associated with a shell or a compiled program

## Shell script

- #!
- /bin/bash , bash script

most commands entered into a shell prompt are external commands

## & ampersand

- allows for multiple programs to be launched

## Echo

- display something as a message

## Variables

- passed as parameters to a script
- generated internally to a script
- extracted from a script's env

## Arguments

- variables that are passed to the script, also called parameters

errors are called bugs

## Conditional expressions

- enable a script to perform one of several actions depending on a particular condition or value of a variable

- if

- conditions may be combined together with the logical and (&&) or logical or (||) operators

- if, then, else, fi

- you can nest several if/then/else clauses

- case

Environment Variables should be all uppercase

\$ CURRENT\_PWD

## Exit

- causes immediate termination of the script