# Assignment Project Exam Help Command Line https://powcoder.com/Add WeChat powcoder

#### Shells

\$ gcc -Wall -g -std=gnu99 —o hello hello.c

#### Assignment Project Exam Help

- The \$ is a shell prompt.
- Shells <a href="https://powcoder.com">https://powcoder.com</a>
  - accept commands (programs) as input
  - finds the exected WeChat powcoder
  - interprets the arguments
  - starts executing the command
- Shells also have some "built-in" commands.

# Running a program

\$ gcc -Wall -g -std=gnu99 —o hello hello.c
\$ hello

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https://powcoder.com

• load a program into memory and hand it off to the OS to run the program.

#### Files and Directories

- "Everything is a file." Project Exam Help
- Unix provides a file interface for all Input/Output.
   regular files https://powcoder.com
  - regular files
  - directories
  - devices

#### Add WeChat powcoder

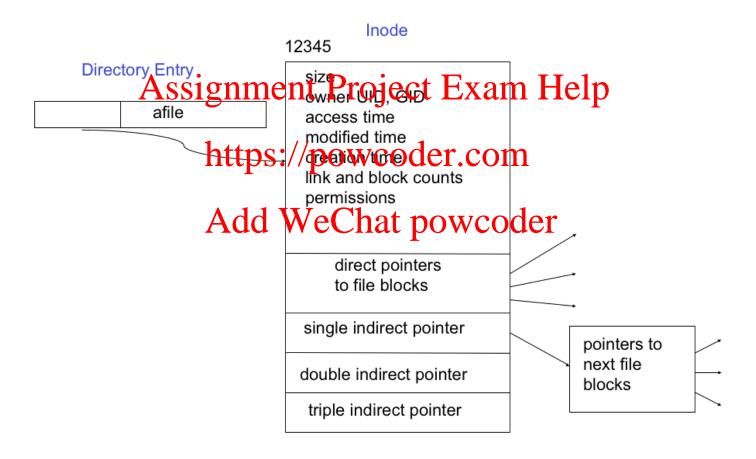
- video
- keyboard
- sound
- network
- File interface = open, read, write, close

# File System Hierarchy

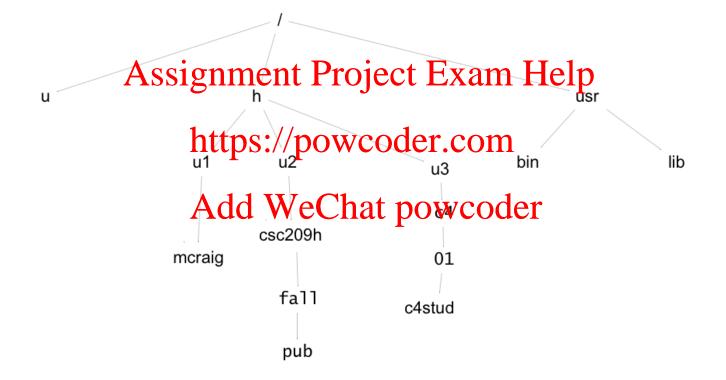
#### Assignment Project Exam Help

- Everything starts in the "root" directory whose name is "/" <a href="https://powcoder.com">https://powcoder.com</a>
- A directory is a file that contains directory entries.
- A directory Andry Mapshaiteprovine toolen inode.
- An inode is the data structure that contains information about a file, including which disk blocks contain the file data.

## Inodes and Directory Entries



# File System Hierarchy



#### Directories and Links

```
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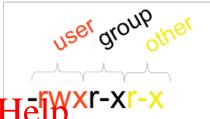
Add WeChat powcoder
```

### Permissions

## Assignment Project Exam Helpxr-xr-x

- File permissions
  read, write, extensions
- Directory permissions
  - read you Arddn WorChatronwcoder
  - write you can create and delete files in the directory
  - execute you can "pass through" the directory when searching subdirectories.

#### chmod



- chmod ssignment Project Exam Helpxr-xr-x
  - 3 numbers between 0 and 7, the octal value for that
  - category of https://powcoder.com Quiz what is the command to set the permissions of the file classlist to be world readable but writeable only by the file owner and demodes Chat powcoder
- Another approach
  - chmod u+rwx
  - chmod go-x
  - adds or removes permissions for those categories of users

# Globbing

- A little Aiksing unterretx Presidents Exactiff Electron land
- \* matches antypsum/perwicanderhammeter
- ? matches and on Welchart prowcoder
- [list of characters]
- [1-5] or [a-z] or [a-xz]