

Network Programming
Assignment 1:
Client.c Descriptions

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Compilation : gcc shell.c -o shell

Run Command : ./shell

We have implemented execv by searching for the command in environment variable path,
We are making child for executing each commands:

Precedences of our shell is

- i) check for pipes connect each with pipes
- ii) check for redirections: redirect i/o according to command
- iii) check for background : run command in background
- iv) Call fork and execute a command:

Imp Commands:

- i) cd -> change directory
- ii) exit/quit -> to exit shell
- iii) jobs -> to check list of process in background
- iv) fg -> to run the uppermost background process in foreground
- v) fg %n -> to run the nth background process in foreground
- vi) daemonize cmd -> to run the process as a daemon.
- vii) We have implemented bg command in toggle mode..
 - If process is stop it will continue it
 - If process is running it will stop it.
 - All happening in background.