

- Primary Design Decision is that commands are taken as strings from stdin and they are expected to be space separated for ease in tokenization.
- As mentioned in the question, user is expected to enter a command, if input is empty nothing is done.
- Screen is cleared on starting the prompt.
- All the operators i.e. |, # and S are supported by the shell. Interprocess communication is allowed using pipes (>>ls | wc), message queues (>>ls # wc) and shared memory (>>ls S wc).
- Redirection is supported i.e. Output of one command can be redirected to a file and input can be taken from another file.