while true

- print prompt
- parse input
- handle command

time

parse input

- split command and args
- check args for redirect
- check args for pipe
- check for background

handle command

- handle background
- handle pipes
- handle redirection
- execute command

Splitting commands here may be a good idea

execute command

- if built in command
- external command

fork

child → exec command and args

parent → wait for child process

<inputParameter> <defaultParameter>

Command	Description
cd <dirName> <root>	→ change directory to given parameter
clr	→ clear the screen
dir <dirName> <.>	→ list the contents of the the directory
environ	→ list environment variables and their values
setenv <var> <value>	→ set an environment variable's value
echo <string>	→ print the passed string to the screen
help	→ print a command instructions to the screen
quit	→ exit the shell