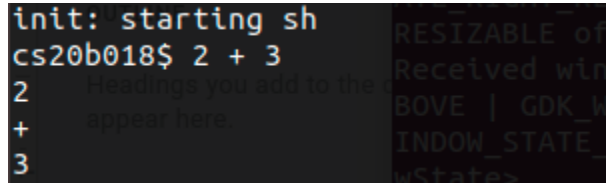


Lab 3 Report - CS20B018 Kulkarni Ishaan Meghshyam

Steps to run the program:

- Navigate to the directory lab3cs20b018modifiedsourcecode
- Run make
- Run make qemu-nox
- You shall be able to see the prompt cs20b018\$
- Enter any valid command and you shall be able to see the tokenization.

Output screenshot:



```
init: starting sh
cs20b018$ 2 + 3
2
+
3
```

Problems faced:

1. Strtok not working. Manual parsing is required.

Methodology used:

1. Command is being taken from the shell using the get cmd function which in turn uses the gets function.
2. Parse function parses through the command and tokenizes it. Also, it returns -2 thus stopping the terminal when an invalid command is found.
3. Appropriate changes have been made to init.c and Makefile to support out functionalities.