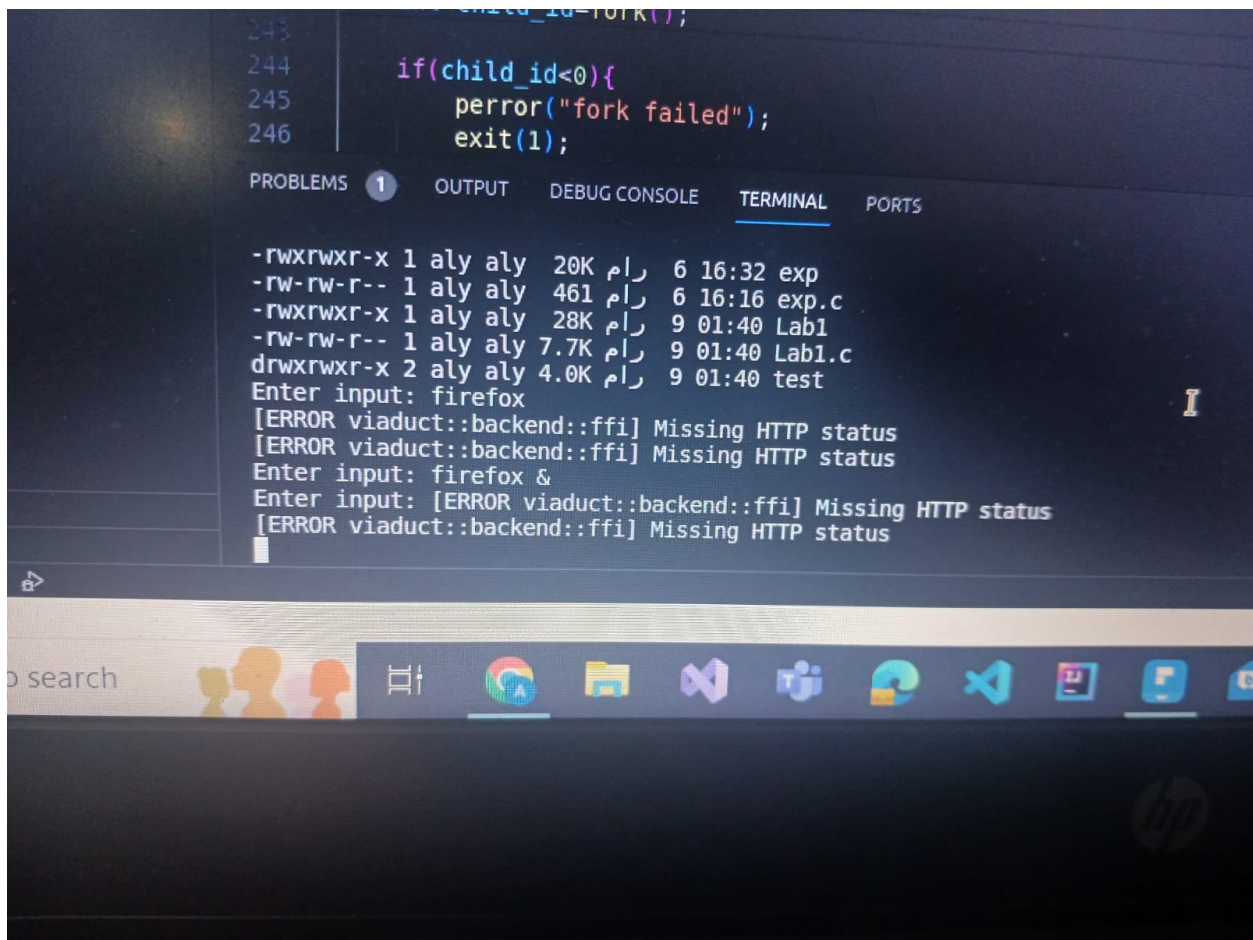


Lab1 Operating systems

Name: Aly El Din Mohamed El Sayed

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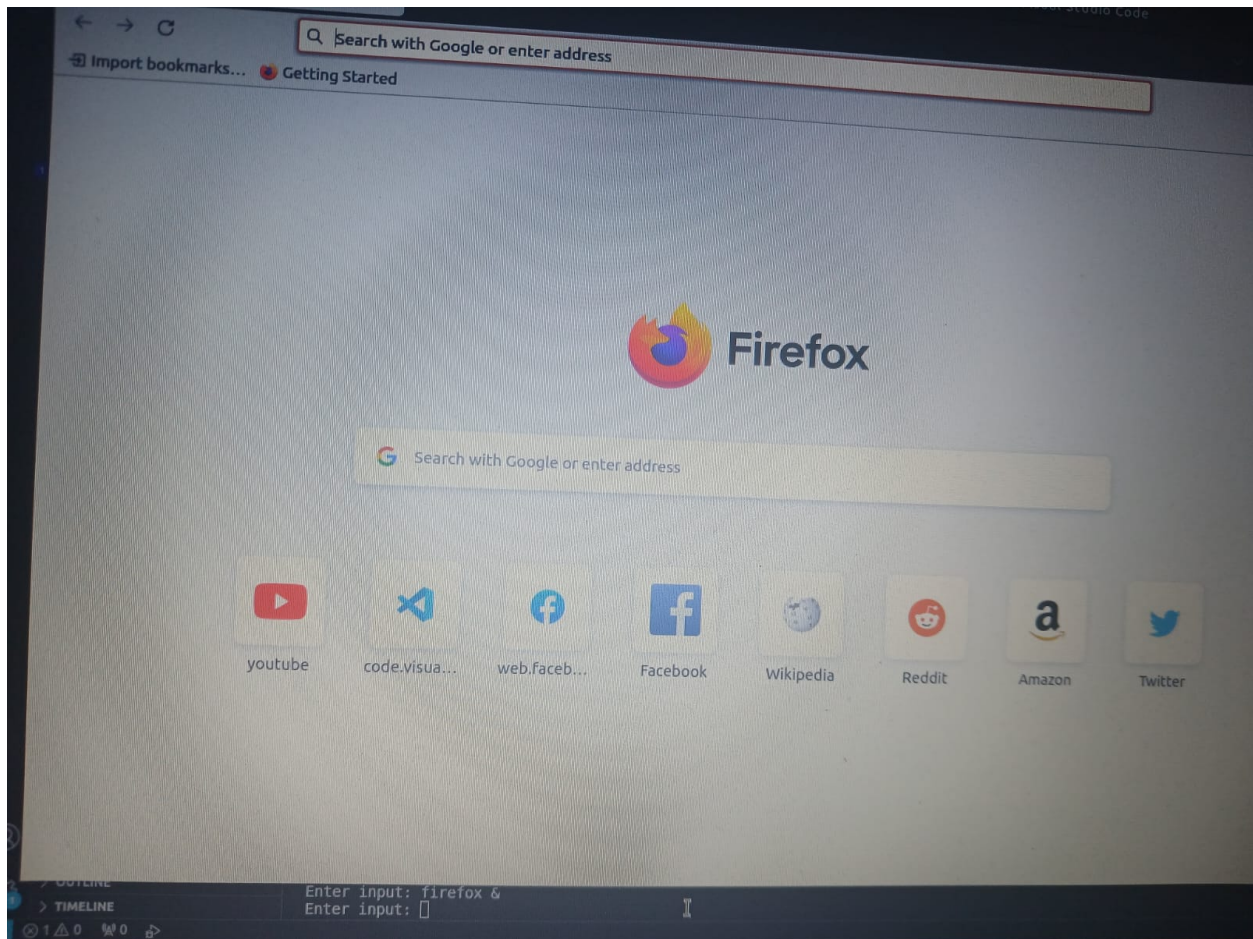
Test cases



```
243     child_id=fork();
244     if(child_id<0){
245         perror("fork failed");
246         exit(1);
    }

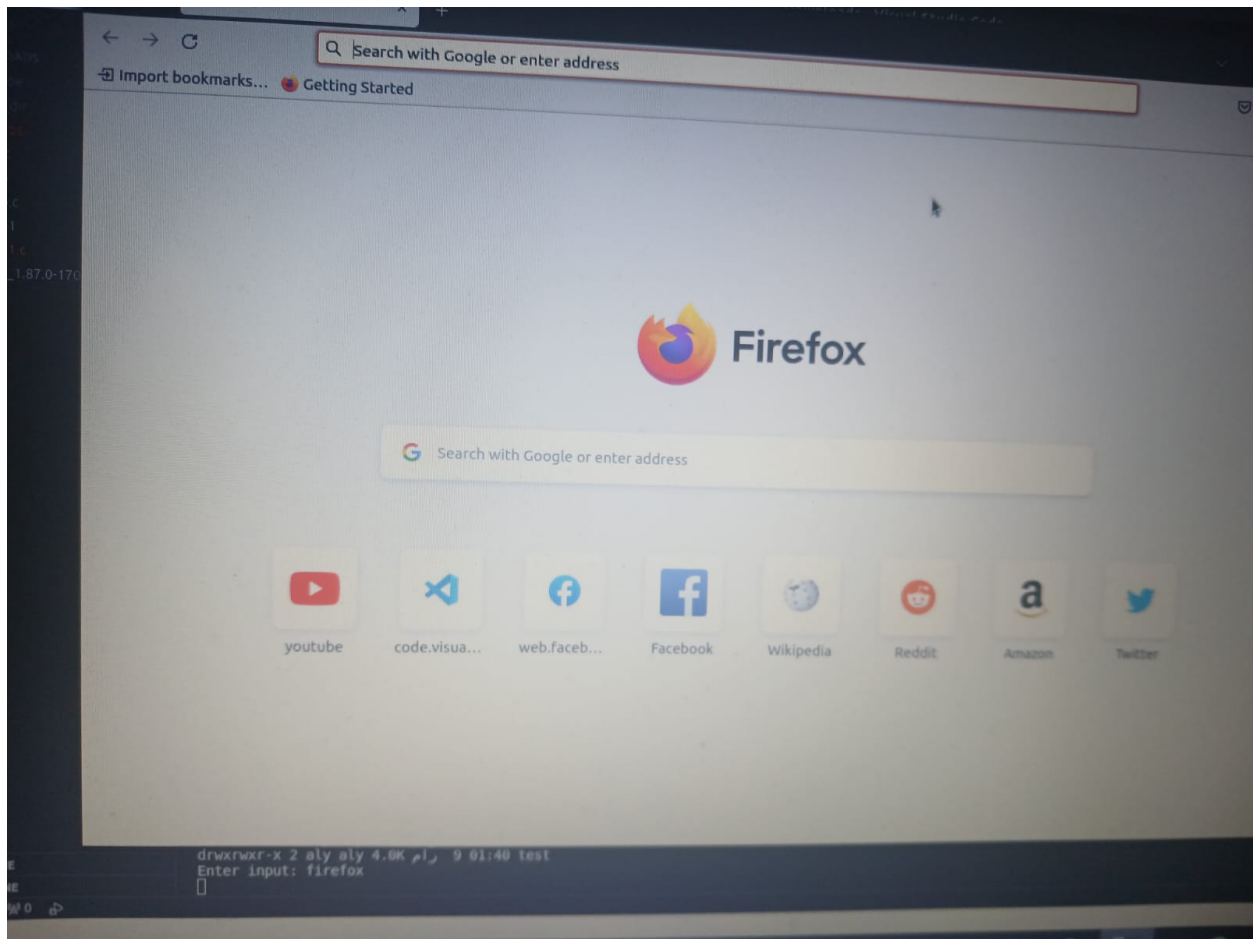
PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

-rwxrwxr-x 1 aly aly 20K  6 16:32 exp
-rw-rw-r-- 1 aly aly 461  6 16:16 exp.c
-rwxrwxr-x 1 aly aly 28K  9 01:40 Lab1
-rw-rw-r-- 1 aly aly 7.7K  9 01:40 Lab1.c
drwxrwxr-x 2 aly aly 4.0K  9 01:40 test
Enter input: firefox
[ERROR viaduct::backend::ffi] Missing HTTP status
[ERROR viaduct::backend::ffi] Missing HTTP status
Enter input: firefox &
Enter input: [ERROR viaduct::backend::ffi] Missing HTTP status
[ERROR viaduct::backend::ffi] Missing HTTP status
```



```
total 72K
drwxrwxr-x 3 aly aly 4.0K رم 9 01:40 .
drwxr-xr-x 5 aly aly 4.0K رم 9 01:38 ..
-rwxrwxr-x 1 aly aly 20K رم 6 16:32 exp
-rw-rw-r-- 1 aly aly 461 رم 6 16:16 exp.c
-rwxrwxr-x 1 aly aly 28K رم 9 01:40 Lab1
-rw-rw-r-- 1 aly aly 7.7K رم 9 01:40 Lab1.c
drwxrwxr-x 2 aly aly 4.0K رم 9 01:40 test
Enter input: firefox
[ERROR viaduct::backend::ffi] Missing HTTP status
[ERROR viaduct::backend::ffi] Missing HTTP status
Enter input: █
```






```
244         if(child_id<0){
245             perror("fork failed");
246             exit(1);
        }
    }

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

drwxrwxr-x 2 aly aly 4.0K رم 9 01:40 test
Enter input: export x=-a -l -h
Enter input: ls $x
total 72K
drwxrwxr-x 3 aly aly 4.0K رم 9 01:40 .
drwxr-xr-x 5 aly aly 4.0K رم 9 01:38 ..
-rwxrwxr-x 1 aly aly 20K رم 6 16:32 exp
-rw-rw-r-- 1 aly aly 461 رم 6 16:16 exp.c
-rwxrwxr-x 1 aly aly 28K رم 9 01:40 Lab1
-rw-rw-r-- 1 aly aly 7.7K رم 9 01:40 Lab1.c
drwxrwxr-x 2 aly aly 4.0K رم 9 01:40 test
Enter input: 
```

243

244

245

246

```
if(child_id<0){  
    perror("fork failed");  
    exit(1);  
}
```

PROBLEMS

1

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

Enter input: ls

exp exp.c Lab1 Lab1.c test

Enter input: ls -a -l -h

total 72K

| | | | | | | | | |
|------------|---|-----|-----|------|-----|---|-------|--------|
| drwxrwxr-x | 3 | aly | aly | 4.0K | رام | 9 | 01:40 | . |
| drwxr-xr-x | 5 | aly | aly | 4.0K | رام | 9 | 01:38 | .. |
| -rwxrwxr-x | 1 | aly | aly | 20K | رام | 6 | 16:32 | exp |
| -rw-rw-r-- | 1 | aly | aly | 461 | رام | 6 | 16:16 | exp.c |
| -rwxrwxr-x | 1 | aly | aly | 28K | رام | 9 | 01:40 | Lab1 |
| -rw-rw-r-- | 1 | aly | aly | 7.7K | رام | 9 | 01:40 | Lab1.c |
| drwxrwxr-x | 2 | aly | aly | 4.0K | رام | 9 | 01:40 | test |

Enter input: █

```
243  
244     if(child_id<0){  
245         perror("fork failed");  
246         exit(1);
```

PROBLEMS

1

OUTPUT

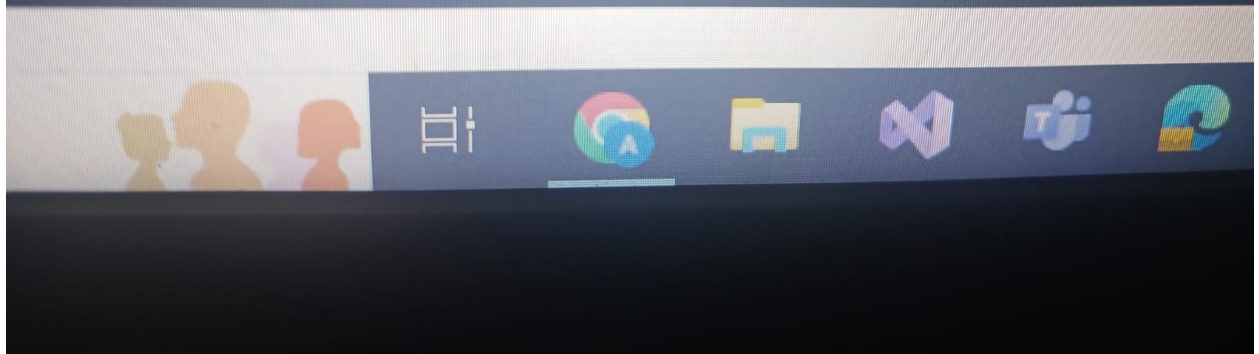
DEBUG CONSOLE

TERMINAL

PORTS

```
Enter input: ls  
exp exp.c Lab1 Lab1.c  
Enter input: mkdir test  
Enter input: ls  
exp exp.c Lab1 Lab1.c test  
Enter input: 
```

```
Enter input: [ERROR viaduct::backend::ffi] Missing  
[ERROR viaduct::backend::ffi] Missing HTTP status  
ls  
exp exp.c Lab1 Lab1.c 'log file.txt' tes  
Enter input: heyy  
Command execution failed  
Enter input: exit  
Enter input: ls  
exp exp.c Lab1 Lab1.c 'log file.txt' test  
Enter input: exit  
[1] + Done  
aly@aly:~/Downloads$
```




```
240 | printf("Work failed");  
    | exit(1);  
PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS  
drwxrwxr-x 2 aly aly 4.0K 9 01:40 test  
Enter input: firefox  
[ERROR viaduct::backend::ffi] Missing HTTP status  
[ERROR viaduct::backend::ffi] Missing HTTP status  
Enter input: firefox &  
Enter input: [ERROR viaduct::backend::ffi] Missing HTTP  
[ERROR viaduct::backend::ffi] Missing HTTP status  
ls  
exp exp.c Lab1 Lab1.c 'log file.txt' test  
Enter input: heyy  
Command execution failed  
Enter input: █
```

```
244     if(child_id<0){
245         perror("fork failed");
246         exit(1);

```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
-rwxrwxr-x 1 aly aly 28K 9 01:40 Lab1
-rw-rw-r-- 1 aly aly 7.7K 9 01:40 Lab1.c
drwxrwxr-x 2 aly aly 4.0K 9 01:40 test
Enter input: firefox
[ERROR viaduct::backend::ffi] Missing HTTP status
[ERROR viaduct::backend::ffi] Missing HTTP status
Enter input: firefox &
Enter input: [ERROR viaduct::backend::ffi] Missing HTTP status
[ERROR viaduct::backend::ffi] Missing HTTP status
ls
exp exp.c Lab1 Lab1.c 'log file.txt' test
Enter input: 
```

