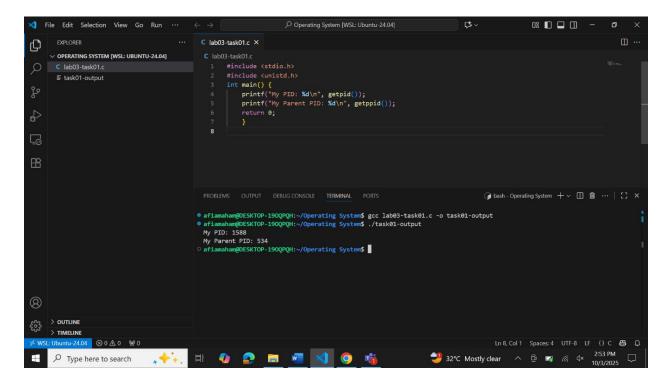


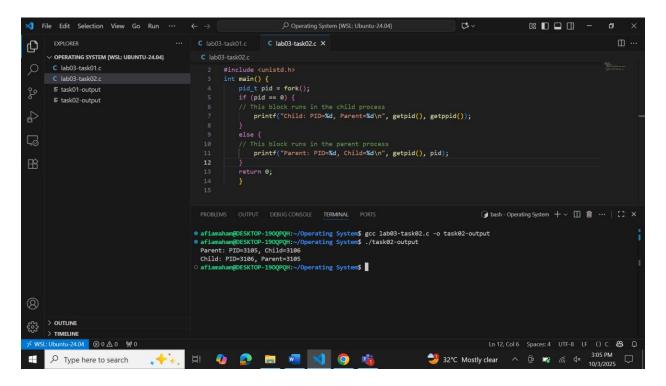
National Textile University **Department of Computer Science**

Subject:

Task 01:



Task 02:



Task 03:

```
ズ File Edit Selection View Go Run ⋯
                                                                                                                                   08 🔲 🔲 🗆 🗕
                                      ∨ OPERATING SYSTEM [WSL: UBUNTU-24.04]
                                             C lab03-task03.c
     C lab03-task01.c
      C lab03-task02.c
                                                   int main() {

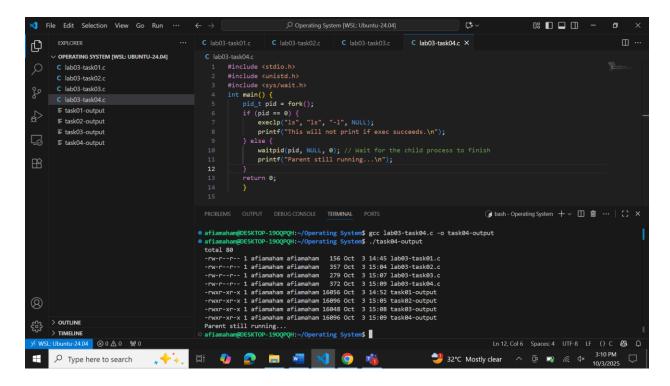
    task01-output

                                                       if (pid == 0) {
    execlp("ls", "ls", "-l", NULL);
    printf("This will not print if exec succeeds.\n");

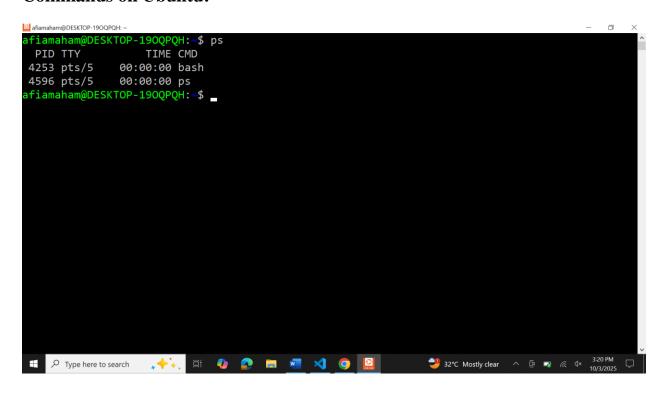
    task02-output

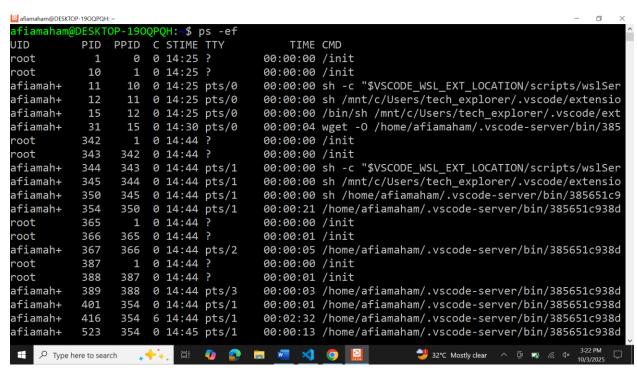
≡ task03-output
                                                         printf("Parent still running...\n");
return 0;
                                                                                                                       • afiamaham@OESKTOP-190QPQH:~/Operating System$ gcc lab03-task03.c -o task03-output
• afiamaham@DESKTOP-190QPQH:~/Operating System$ ./task03-output
Parent still running...
                                             -rwxr-xr-x 1 afiamaham afiamaham 16096 Oct 3 15:05 task02-output
-rwxr-xr-x 1 afiamaham afiamaham 16048 Oct 3 15:08 task03-output
o afiamaham@OESKTOP-190QPQH:~/Operating System$
> outline
    > TIMELINE
            24.04 ⊗ 0 ∆ 0 № 0
                                                                                                                       Ln 11, Col 14 Spaces: 4 UTF-8 LF {} C 🔠 Д
                                                                                                                                                   3:08 PM 🔲
                             ,++, 🖽 🐠 🧟 🔚 🚾 📢 🧿 😘
                                                                                                        Type here to search
```

Task04:



Commands on Ubuntu:





fiamaham@DESKTOP-190QPQH:~\$ ps -ef | grep afiamaham 15 12 0 14:25 pts/0 00:00:00 /bin/sh /mnt/c/Users/tech_explorer/.vscode/ext ensions/ms-vscode-remote.remote-wsl-0.104.3/scripts/wslDownload.sh 385651c938df8a906869babee51 6bffd0ddb9829 stable /home/<mark>afiamaham/</mark>.vscode-server/bin
afiamah+ 31 15 0 14:30 pts/0 00:00:04 wget -O /home/<mark>afiamaham</mark>/.vscode-server/bin/385
651c938df8a906869babee516bffd0ddb9829-1759483543.tar.gz https://update.code.visualstudio.com/c ommit:385651c938df8a906869babee516bffd0ddb9829/server-linux-x64/stable afiamah+ 350 345 0 14:44 pts/1 00:00:00 sh /home/<mark>afiamaham</mark>/.vscode-server/bin/385651c9 38df8a906869babee516bffd0ddb9829/bin/code-server --host=127.0.0.1 --port=0 --connection-token= 196157985-3277288610-3329183501-2613001082 --use-host-proxy --without-browser-env-var --disabl e-websocket-compression --accept-server-license-terms --telemetry-level=all afiamah+ 354 350 0 14:44 pts/1 00:00:21 /home/afiamaham/.vscode-server/bin/385651c938d f8a906869babee516bffd0ddb9829/node /home/<mark>afiamaham</mark>/.vscode-server/bin/385651c938df8a906869babe e516bffd0ddb9829/out/server-main.js --host=127.0.0.1 --port=0 --connection-token=196157985-327 7288610-3329183501-2613001082 --use-host-proxy --without-browser-env-var --disable-websocket-c ompression --accept-server-license-terms --telemetry-level=all afiamah+ 367 366 0 14:44 pts/2 00:00:05 /home/<mark>afiamaham</mark>/.vscode-server/bin/385651c938d f8a906869babee516bffd0ddb9829/node -e const net = require('net'); process.stdin.pause(); const client = net.createConnection({ host: '127.0.0.1', port: 34507 }, () => { client.pipe(process .stdout); process.stdin.pipe(client); }); client.on('close', function (hadError) { console.err
or(hadError ? 'Remote close with error' : 'Remote close'); process.exit(hadError ? 1 : 0); }); client.on('error', function (err) { process.stderr.write(err && (err.stack || err.message) || String(err)); }); | 닭 🌓 😥 📻 🚾 刘 🗿 🔛 Type here to search afiamaham@DESKTOP-19OOPOH: O afiamaham@DESKTOP-1900PQH:~\$ top top - 15:30:01 up 1:04, 0 user, load average: 0.12, 0.09, 0.08 Tasks: 26 total, 2 running, 24 sleeping, 0 stopped, 0 zombie %Cpu(s): 0.6 us, 1.4 sy, 0.0 ni, 97.7 id, 0.1 wa, 0.0 hi, 0.2 si, 0.0 st MiB Mem : 6247.3 total, 5524.9 free, 558.5 used, 383.1 buff/cache MiB Swap: 2048.0 total, 2048.0 free, 0.0 used. 5688.8 avail Mem SHR S %CPU %MEM TIME+ COMMAND PID USER PR NI VIRT RES 416 afiamah+ 20 0 31.9g 155240 55388 R 10.3 2.4 3:01.30 node 523 afiamah+ 0 1069312 83756 48264 S 20 0.3 1.3 0:14.38 node 4252 root 20 0 1192 368 20 S 0.3 0:00.04 init 0.0 0.1 5257 afiamah+ 20 0 9288 5412 3272 R 0.3 0:00.01 top 1192 0:00.75 init 1 root 20 0 768 476 S 0.0 0.0 10 root 20 0 908 0:00.98 init 84 20 S 0.0 0.0 11 afiamah+ 2796 20 0 1040 948 S 0.0 0.0 0:00.02 sh 12 afiamah+ 20 0 2796 1068 976 S 0.0 0.0 0:00.01 sh 15 afiamah+ 20 0 2796 1852 1700 S 0.0 0.0 0:00.01 wslDownload.sh 31 afiamah+ 20 0 13760 9516 7152 S 0.0 0.1 0:05.36 wget 0:00.00 init 342 root 20 0 1192 368 20 S 0.0 0.0 343 root 20 0 1192 368 20 S 0.0 0.0 0:00.00 init 344 afiamah+ 20 0 2796 1080 S 1172 0.0 0.0 0:00.00 sh 345 afiamah+ 20 0 2796 1112 1016 S 0.0 0.0 0:00.00 sh 350 afiamah+ 20 0 2796 1104 1012 S 0.0 0.0 0:00.00 sh Type here to search

