

ADVANCED OPERATING SYSTEMS

CSEN383

PROJECT-1

Virtual Box

I chose to install the Oracle Virtual Box v7.1.4 for my Apple Silicon Mac Machine.

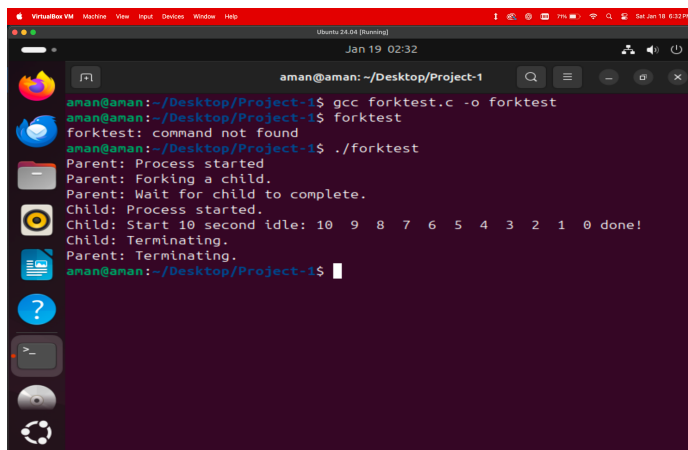
Operating System

I installed the Ubuntu v22.04 for my machine. Having an arm64 based mac, it was a quite tedious task to get the VM up and running with the Linux distribution.

I first had to install the Ubuntu server version and from the terminal there, I installed the Ubuntu-Desktop plugin to get the GUI.

Later, a shared folder was created which was then mounted to the VM using command line tools.

Output On Running The Given C File



```
aman@aman: ~/Desktop/Project-1
aman@aman:~/Desktop/Project-1$ gcc forkttest.c -o forkttest
aman@aman:~/Desktop/Project-1$ forkttest
forktest: command not found
aman@aman:~/Desktop/Project-1$ ./forktest
Parent: Process started
Parent: Forking a child.
Parent: Wait for child to complete.
Child: Process started.
Child: Start 10 second idle: 10 9 8 7 6 5 4 3 2 1 0 done!
Child: Terminating.
Parent: Terminating.
aman@aman:~/Desktop/Project-1$
```

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