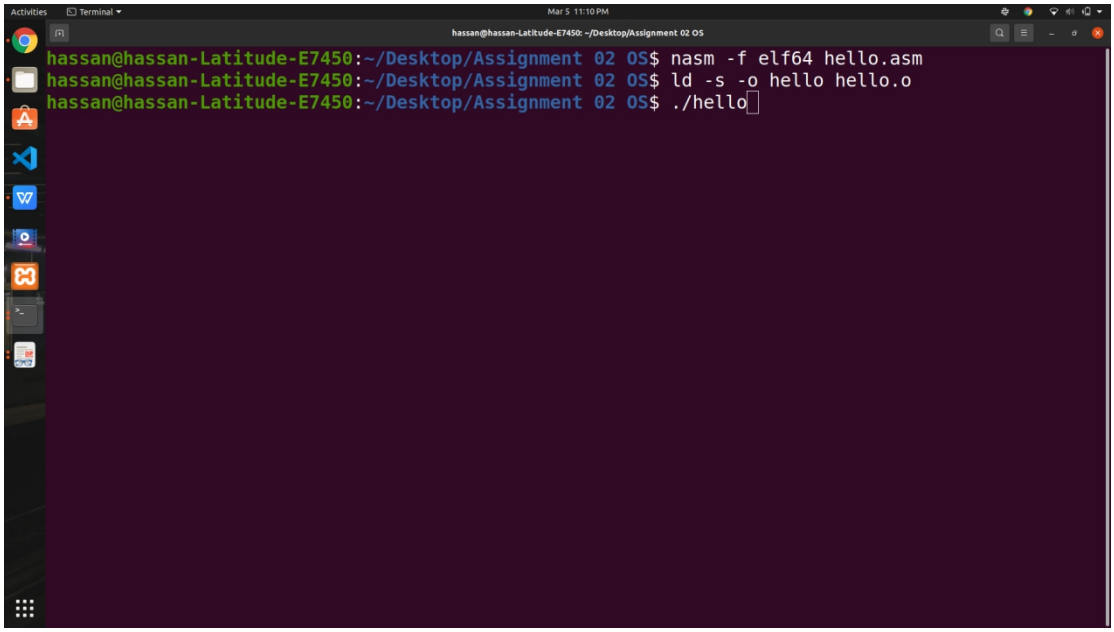
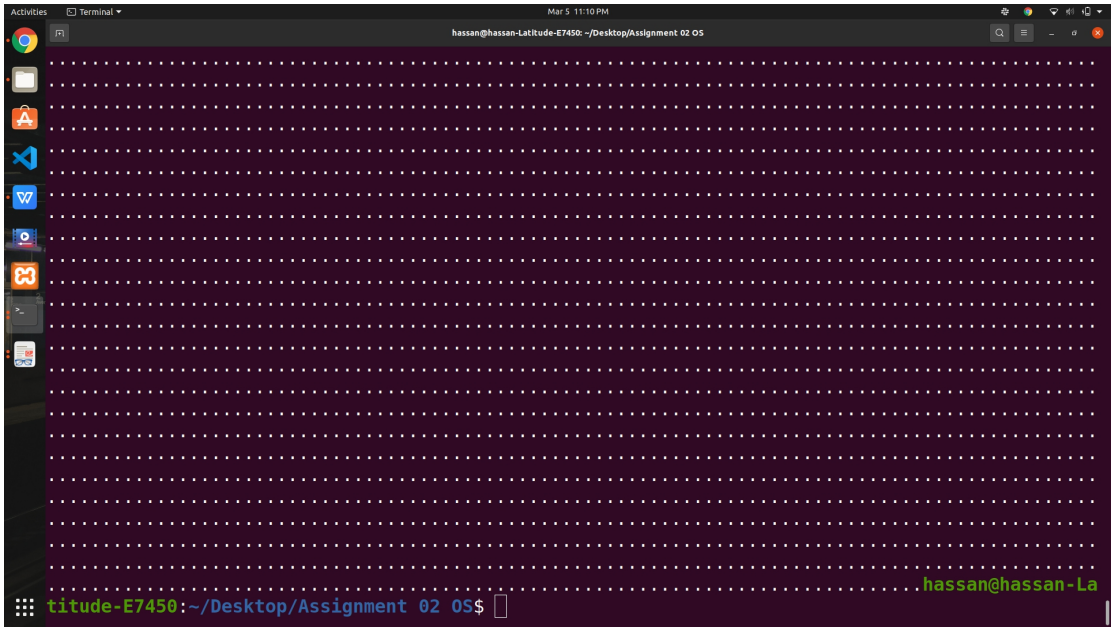
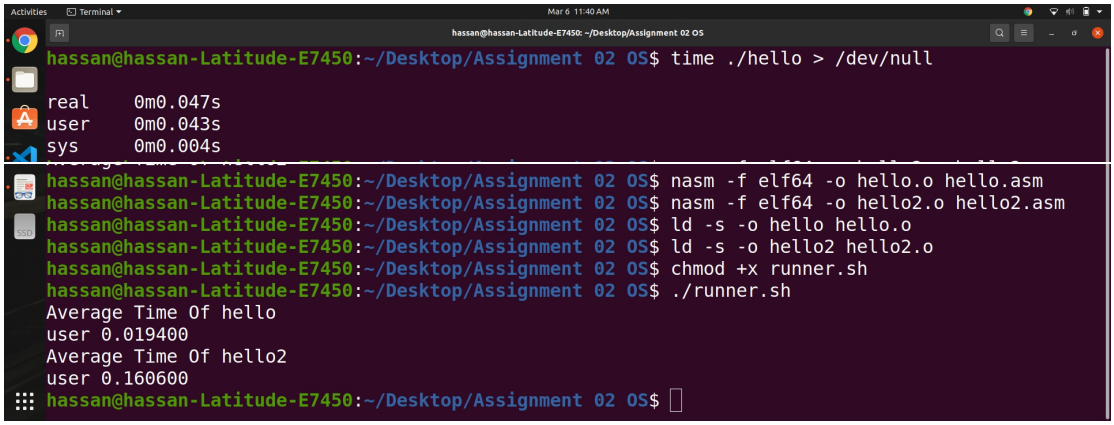
Name : Hassan Ali
Section : BCS-4A
Roll No : 20P-0149

Assignment 02



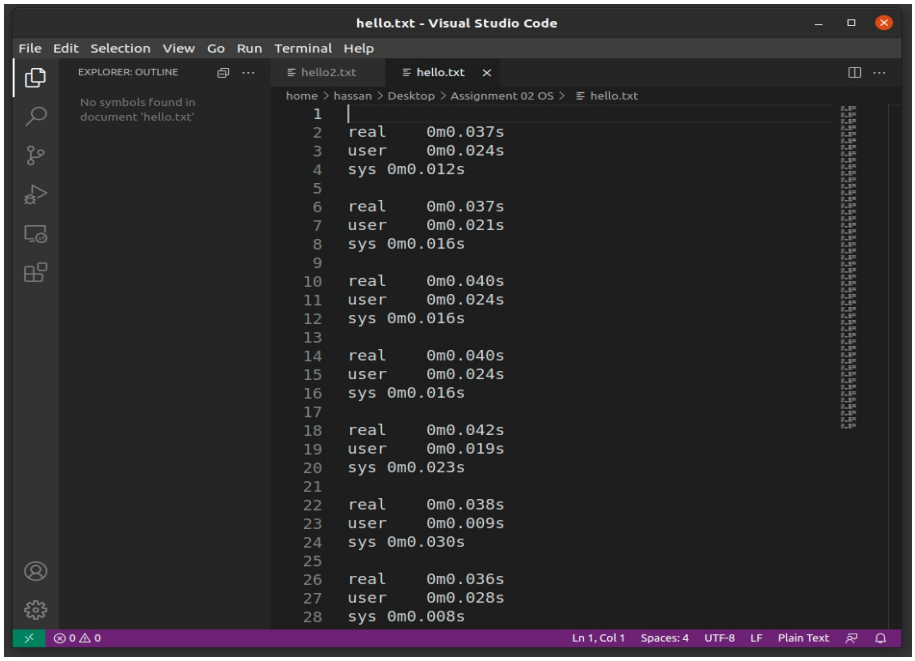


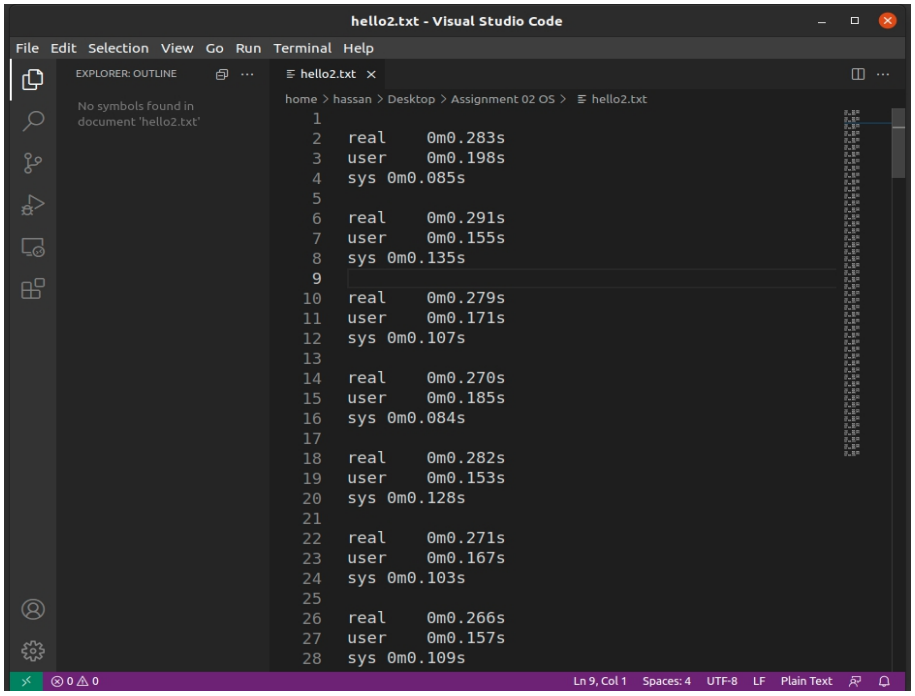


For calculating avg time ive done some changes in runner.sh

Code:

Number of experiments run: N = 50
Average ‘user time’ for hello (int-based calls): I =0.019400
Average ‘user time’ for hello2 (syscall-based calls): S =0.160600
Percentage speedup: (I-S)*100/I = (0.019400-0.160600) * 100 / 0.019400 = -727.833


hello.txt - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER: OUTLINE
No symbols found in document 'hello.txt'
hello2.txt
hello.txt
home > hassan > Desktop > Assignment 02 OS > hello.txt
real 0m0.037s
user 0m0.024s
sys 0m0.012s
real 0m0.037s
user 0m0.021s
sys 0m0.016s
real 0m0.040s
user 0m0.024s
sys 0m0.016s
real 0m0.040s
user 0m0.024s
sys 0m0.016s
real 0m0.042s
user 0m0.019s
sys 0m0.023s
real 0m0.038s
user 0m0.009s
sys 0m0.030s
real 0m0.036s
user 0m0.028s
sys 0m0.008s
Ln 1, Col 1 Spaces: 4 UTF-8 LF Plain Text


hello2.txt - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER: OUTLINE
No symbols found in document 'hello2.txt'
hello2.txt
home > hassan > Desktop > Assignment 02 OS > hello2.txt
real 0m0.283s
user 0m0.198s
sys 0m0.085s
real 0m0.291s
user 0m0.155s
sys 0m0.135s
real 0m0.279s
user 0m0.171s
sys 0m0.107s
real 0m0.270s
user 0m0.185s
sys 0m0.084s
real 0m0.282s
user 0m0.153s
sys 0m0.128s
real 0m0.271s
user 0m0.167s
sys 0m0.103s
real 0m0.266s
user 0m0.157s
sys 0m0.109s
Ln 9, Col 1 Spaces: 4 UTF-8 LF Plain Text