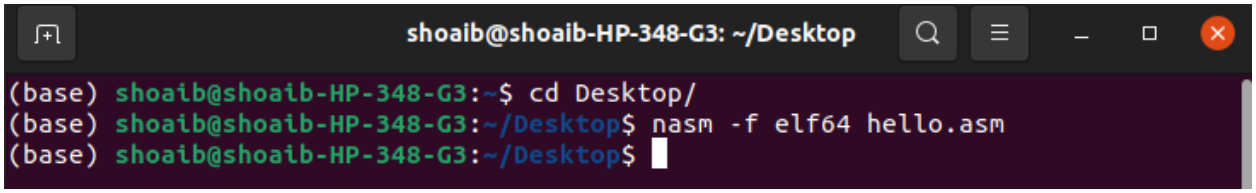
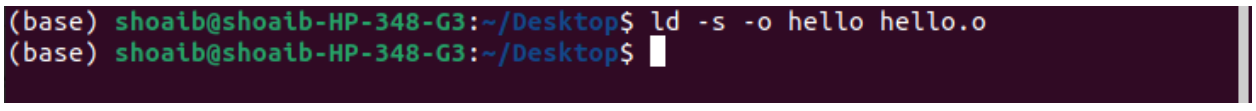
Roll-No: 20P-0147
NAME: SHOAIB AKHTAR
SECTION: BS-CS(4B)

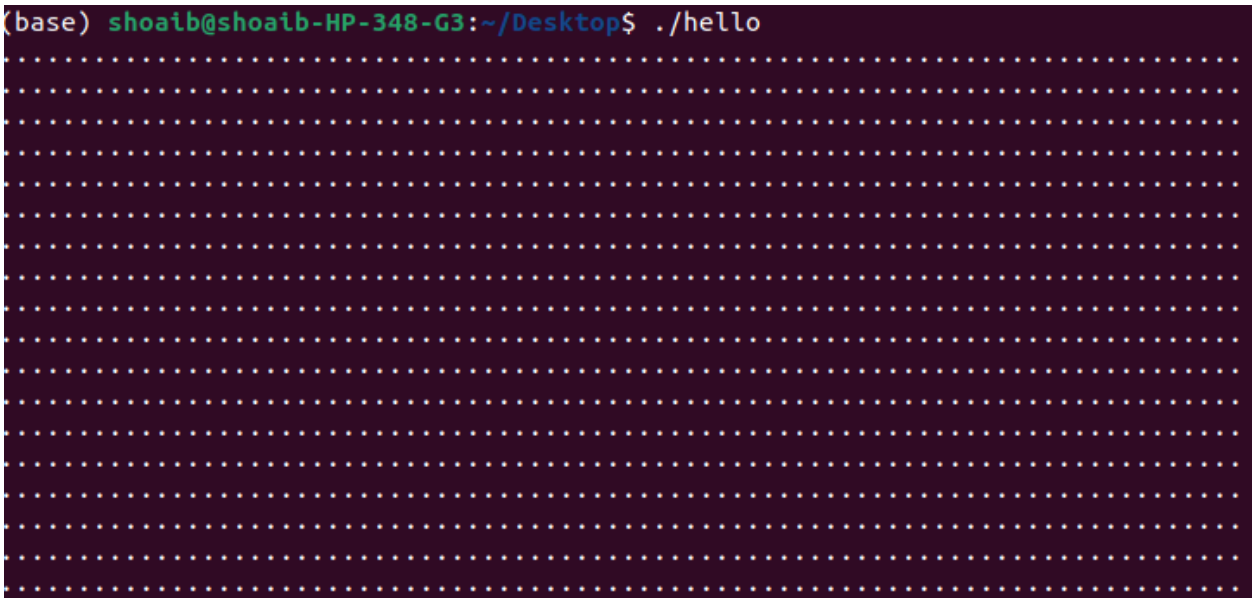
1: compiling hello.asm



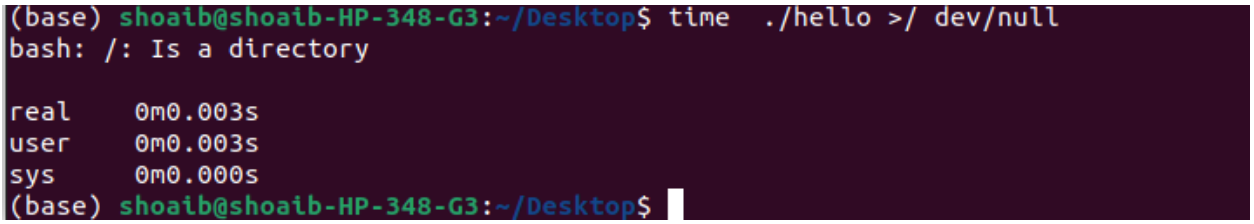
2: Linking hello.asm



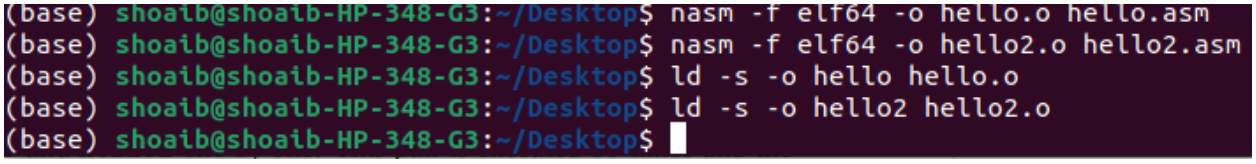
3: Running hello file.



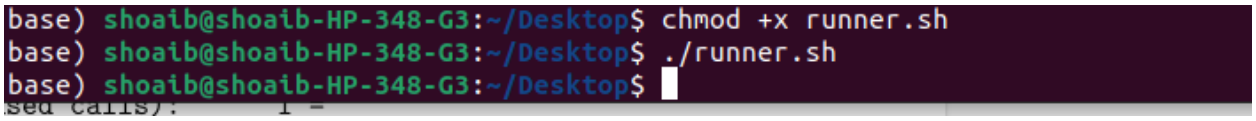
4: Time of the file hello.asm



5: Compiling the hello.asm and hello2.asm and linking the object files



6: creating the executable of .sh



Number of experiments run:
N = 50
Average ‘user time’ for hello (int-based calls):
I = **241.74**
Average ‘user time’ for hello2 (syscall-based calls): S = **191.64**

Percentage speedup: (I-S)*100/I

P = (241.74-191.64) * 100/ 241.74 = **20.724**