



Inspiring Excellence

SPRING 2024

COURSE CODE: CSE321

COURSE TITLE: Operating System

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```
ubuntu@ubuntu-VirtualBox: ~/Desktop
ubuntu@ubuntu-VirtualBox:~/Desktop$ gcc -o hello hello.c
ubuntu@ubuntu-VirtualBox:~/Desktop$ ./hello
Execution Command in Terminal: ./p1
Page size: 4
Memory size: 32
Number of frames required: 8
Page number bits: 3
Offset bits: 2
Number of address spaces: 5
Page Table_____
0 -> 3
1 -> 6
2 -> 8
3 -> 12
4 -> 2
32 is an invalid physical address
Corresponding physical address of logical address 4: 24
Corresponding physical address of logical address 3: 15
Corresponding physical address of logical address 2: 14
51 is an invalid physical address
Corresponding physical address of logical address 18: 10
25 is an invalid page number
ubuntu@ubuntu-VirtualBox:~/Desktop$
```