

National University of Computer & Emerging Sciences
Department of Computer

Science

Operating Systems Lab

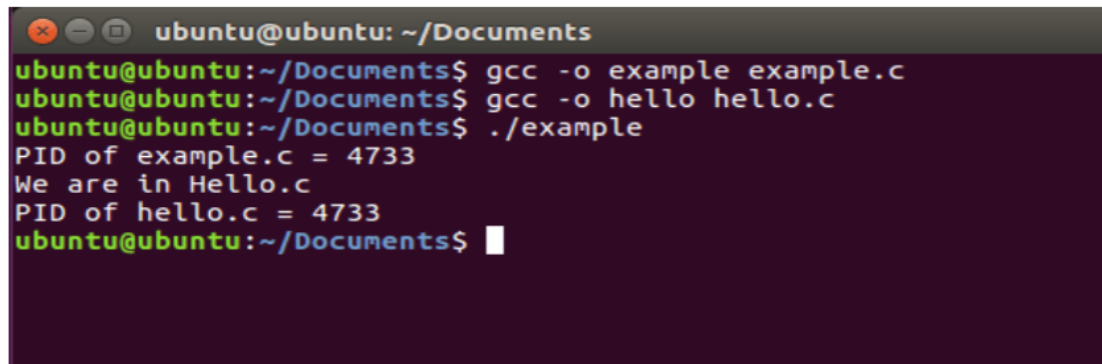
Lab # 7

Instructions:

1. Make a word document with the convention "SECTION_ROLLNO _LAB-NO". In addition, paste all of your work done at the LINUX prompt.
2. You have to submit a Word File.
3. Plagiarism is strictly prohibited; negative marks would be given to students who cheat.

Tasks

1. Write a program to create one parent with three child using two fork() function where each process find its Id.
2. Create two .C or .cpp files, example and hello and replace the example with hello by calling exec() function in example. Output should be like



```
ubuntu@ubuntu: ~/Documents
ubuntu@ubuntu:~/Documents$ gcc -o example example.c
ubuntu@ubuntu:~/Documents$ gcc -o hello hello.c
ubuntu@ubuntu:~/Documents$ ./example
PID of example.c = 4733
We are in Hello.c
PID of hello.c = 4733
ubuntu@ubuntu:~/Documents$
```

3. Create two .C or .cpp files, multiplication and addition and replace the multiplication with addition by calling exec() function in multiplication.