Lab 2

Part I

Read, understand and summarise "process", and put your summary into Report I

Part II

Read the attached given code. Master the functionalities of fork(), wait(), exec().

Hints:

(1) Code works on Unix/Linux systems;

(2) execl (firstPara, secondPara, …) where firstPara is the program file path;

(3) 03execlooper.c is to run multiple programs, argc takes how many programs, argv[] takes the programs (program file paths).

Manual

http://man7.org/linux/man-pages/index.html

(click "alphabetically", you can search for a system function in the manual.)

Dilemma:

Q: Did you say we would use Java, and we would get support only in Java? Why do you give us C code?

A: To understand "process", C code is necessary. For the "process" part, you are required to understand C code. **In this unit, you will not be required to write your own C code, but you are required to understand C code.** Of course, you are always encouraged to write and test your own C code for extending your skills.