Lab 6 – exec()

Part I

Write a C program called *executebash.c*. It forks a child process to execute a bash script named *mybash*. This *mybash* program prints on the screen

EXAM! EXAM! EXAM!

Then the parent process prints on the screen

STUDY! STUDY! STUDY!

Part II

Write a C program to execute multiple Unix commands in parallel.

- The number of Unix commands is not fixed.
- There is no communication among the Unix commands.
- The Unix commands are given as command line arguments.
- For simplicity, you can assume that each Unix command has exactly one argument except that the last one can have either no argument or one argument.

For example,

>>>>> miniminishell cat openfile.c ls –l ps

includes three Unix commands: *cat* with one argument *openfile.c*, *ls* with one argument *–l*, and *ps* with no argument.

For each Unix command, use a separate process to execute it. You need to print out each process id.