# MultiProcessing Assignments - 1

1. Write a multiprocessing application to perform the following.
2. Application to receive an input file name as command line argument.
3. Store the filename in a buffer.
4. Create a child using fork().
5. Display the process id of both parent and child
6. Let child prompt and read 2 lines from user and write to input file and exit.
7. Let parent after fork() do the following

* wait for child to complete.
* open input file name, read and display the contents

1. Add a function below and call it from parent after wait()

/\*Using WIFEXITED macro check if the child has exited and in such case extract exit code and display,

Else, use WIFSIGNALLED macro to check if the child was terminated using signal (say using SIGINT) then the retrieve and display the signal number

which caused the exit \*/

process\_display\_exit\_code(int exitstatus)

[Hint: to test above function you may send a kill signal to child process]