Write **A UNITED PROGRAM** that simulates and demonstrates all the process-programming APIs/technologies that were introduced in the lesson, including:

* Creating processes using: system call, fork, and exec
* Print out the process IDs, process parent IDs (as tracking logs during processes executing).
* Signal handling:
  + Sending signal(s) to the process(es).
  + Handling the signal(s):
    - Ignore/discard the signal
    - Restore signal’s default action,
    - Execute a pre-arranged signal-handling function.
  + Common uses of the signals
* Terminate the processes
* Zombie processes

Other requirements:

* Create a make file for this program
* Provide a document mentioning your understanding about each APIs/technologies and explaining about the program sample/feature that you designed – mapped to your understanding