**Lab 8**

**Signal Handling & Calls**

**Task 1**

Write a C++ program to create a process in Linux

* Assign an Integer pid
* Create a process
* Check if pid is less than 0 display an error
* Stop the Process

**Task 2**

Write a C++ program to create a Process with sleep command

* Assign an Integer pid
* Create a child process with sleep time of 2
* Stop both processes

**Task 3**

Write a C++ program to create a Process with sleep command

* Assign an Integer pid
* Create a process
* Create a child process with sleep time of 2
* Stop both processes
* **Note:** make use of getpid()

**Task 4**

Write a Shell Script for Signal Handling

* Display all the running processes
* Take pid input from using
* Kill the process of pid and display Success/Error

**Task 5**

Write a C++ program to perform wait operations

* Assign an Integer pid
* Create a child process
* Check for pid is equal to zero
* If it’s true terminate the process
* If it’s not true, wait until the child process is terminated.
* Stop the Processes

**Task 6**

Write a C++ program to create, read, write & update a text file