This ASSIGNMENT is done by C++

#include <stdio.h>

// use for the input/output related function

#include <unistd.h>

// use for fork() method

int main() {}

// the entry point of program

if(!fork())

// Creating a child process if fork() return 0.

printf("I am the parent process. PID: %d\n", getpid()); //

// Display the string information to identity this process and PID

if(!fork())

// A nested fork() under first fork() method that create grandchild process

printf("I am the grandchild process. PID:%d\n", getpid());

// Display the string information to identity this process and PID

else { //This is the parent process.

printf("I am the grandparent process. PID:%d\n", getpid());

// If the fork() not return 0, so this is the origin process on the root. Display the string and PID