OPERATING SYSTEM - CS23431

EXP 5

SYSTEM CALLS

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PROGRAM:

#include <stdio.h>

#include <stdlib.h>

#include <unistd.h>

int main() {

int p;

p = fork();

if (p == -1) {

printf("Child process not created\n"); exit(1);

}

if (p == 0) {

printf("Process ID of child process is: %d\n", getpid()); printf("Parent process ID of child process is: %d\n", getppid());

}

if (p > 0) {

printf("Process ID of parent process is: %d\n", getpid()); printf("Parent process ID of parent process is: %d\n", getppid());

}

printf("This line can be executed by both parent and child process\n");

return 0;

}

OUTPUT:

