OPERATING SYSTEM - CS23431

EX 5

SYSTEM CALLS

NAME:MOUNAMITHRA   ROLL NO: 230701197

PROGRAM:

```c
#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:

```
Process ID of parent process is: 33370
Parent process ID of parent process is: 33369
This line can be executed by both parent and child process
Process ID of child process is: 33374
Parent process ID of child process is: 33370
This line can be executed by both parent and child process
```