**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:**

