Program

```c
#include <stdio.h>
#include <unistd.h>
#include <sys/types.h>
#include <sys/wait.h>
int main(){
        pid_t pid = fork();
        if(pid<0){
                printf("Error:critical faliure\n30bfex12 forking failed \n");
                return 1;
        }
        else if(pid > 0){
                printf("parent:I am %d and my child is %d\n",getpid(),pid);
                sleep(100);
        }
        else{
                printf("child:I am %d and my parent is %d \n",getpid(),getppid());
                sleep(100);
        }
        return 0;
}
```

1 Text File

```
s23a40@Server-2:~$ pstree -p | grep --color=auto 191317
                    |         |-sshd(68090)---sshd(68155)---bash(68156)---a.out(191316)---a.out(191317)
s23a40@Server-2:~$ ▉
```

Sample run of the program

```
s23a40@Server-2:~/blab$ gcc ex11.c
s23a40@Server-2:~/blab$ ./a.out
parent:I am 191316 and my child is 191317
child:I am 191317 and my parent is 191316
```