

USP LABFork - child - print line

```
#include <unistd.h>
#include <stdio.h>
#include <sys/types.h>
#include <stdlib.h>
```

```
int main()
```

```
{
```

```
    int pid;
```

```
    printf("Before calling Fork:\n");
```

```
    pid = fork();
```

```
    if (pid > 0)
```

```
    {
```

```
        sleep(2);
```

```
        printf("\n parent process Id is : %d \n parent's parent  
process Id is : %d \n child process Id is : %d \n", getpid(),  
getppid(), pid);
```

```
    }  
    else if (pid == 0)
```

```
    {
```

```
        printf("child process Id is : %d \n Parent process Id is :  
%d , getpid (), getpid());
```

```
    }
```

```
    else
```

```
    {
```

```
        printf("An Error occurred while calling fork().");
```

```
        exit(1);
```

```
    }
```

```
    printf("\n Both Processes continues here\n");
```

```
    exit(0);
```

```
}
```