

```
/*getpid()*/
```

```
#include <stdio.h>
```

```
#include <unistd.h>
```

```
int main( void ) {
```

```
    printf( "The process identifier (pid) of the parent process is %d\n", (int)getpid() );
```

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

```
    if ( pid == 0 ) {
```

```
        printf( "After the fork, the process identifier (pid) "
```

```
        "of the child is %d\n", (int)getpid() );
```

```
    } else {
```

```
        printf( "After the fork, the process identifier (pid) "
```

```
        "of the parent is still %d\n - fork() returned %d\n",
```

```
        (int)getpid(), pid );
```

```
    }
```

```
    return 0;
```

```
}
```

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main.c

1#include <stdio.h>  
2#include <unistd.h>  
3  
4  
5int main( void ) {  
6 printf( "The process identifier (pid) of the parent process is %d\n", (int)  
7 getpid() );  
8  
9 int pid = fork();  
10  
11 if ( pid == 0 ) {  
12 printf( "After the fork, the process identifier (pid) "  
13 "of the child is %d\n", (int)getpid() );  
14 } else {  
15 printf( "After the fork, the process identifier (pid) "  
16 "of the parent is still %d\n - fork() returned %d\n",  
17 (int)getpid(), pid );  
18 }  
19 return 0;  
20}

Run

Output

Clear

/tmp/cU2w5th5XJ.o

The process identifier (pid) of the parent process is 84148  
After the fork, the process identifier (pid) of the parent is still 84148  
- fork() returned 84149  
After the fork, the process identifier (pid) of the child is 84149

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