

Lab Task # 06

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Lab: OS-Lab

Exercise # 01

```
#include <stdio.h>
#include<signal.h>
#include <sys/types.h>
#include <unistd.h>
int main()
{
int pid;
pid = fork();
if(pid == 0)
{
printf("Child PID = %d\n", pid);
printf("I am the Child with PID = %d\n", getpid());
}
else
{
printf("Parent of = %d\n", pid);
printf("I am the Parent with PPID = %d\n",getppid());
kill(pid,15);
```

```
sleep(120);
```

```
}
```

```
}
```

Exercise # 02

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

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

```
#include<signal.h>
```

```
#include <sys/types.h>
```

```
int main()
```

```
{
```

```
int pid;
```

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

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

```
{
```

```
printf("Child PID = %d\n", pid);
```

```
printf("I am the Child with PID = %d\n", getpid());
```

```
kill(getppid(),15);
```

```
sleep(120);
```

```
}
```

```
else
```

```
{  
printf("Parent of = %d\n", pid);  
printf("I am the Parent with PPID = %d\n",getppid());  
}  
}
```

Dear Sir my Linux OS is create some issue so that is why I cannot execute these codes add screenshots of the codes.