

Program - 3

ISM19LS403
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```
#include <stdio.h>
#include <unistd.h>
```

```
int main()
```

```
{
```

```
    int j;
```

```
    j = fork();
```

```
    if (j == 0)
```

```
    {
```

```
        printf("This is child process, child process id is: %d\n",
```

```
               getpid());
```

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

```
    }
```

```
else
```

```
{
```

```
    sleep(3);
```

```
    printf("This is parent process, Parent Process id is: %d\n",
```

```
           getpid());
```

```
    printf("parent's parent process id is: %d\n", getppid());
```

```
    printf("Return value of fork to parent is child's
```

```
           PID: %d\n", j);
```

```
    }
```

```
    return 0;
```

```
}
```