

Create process using fork () system call and use getpid (), getppid () functions along with wait () and exit () using C programming

1. Title: Create process using fork () system call and use getpid (), getppid () functions along with wait () and exit () using C programming.

2. Description

Both getppid() and getpid() are inbuilt functions defined in unistd.h library.

3. Code

```
#include <iostream>
#include <unistd.h>
using namespace std;
int main()
{
    int pid;
    pid = fork();
    if (pid == 0)
    {
        cout << "\nParent Process id : "
              << getpid() << endl;
        wait ();
        cout << "\nChild Process with parent id : "
              << getppid() << endl;
        exit ();
    }
    return 0;
}
```

4. Output:

Parent Process id of current process: 3849

Child Process with parent id: 3851

5. Result

We have successfully executed fork () system call.