

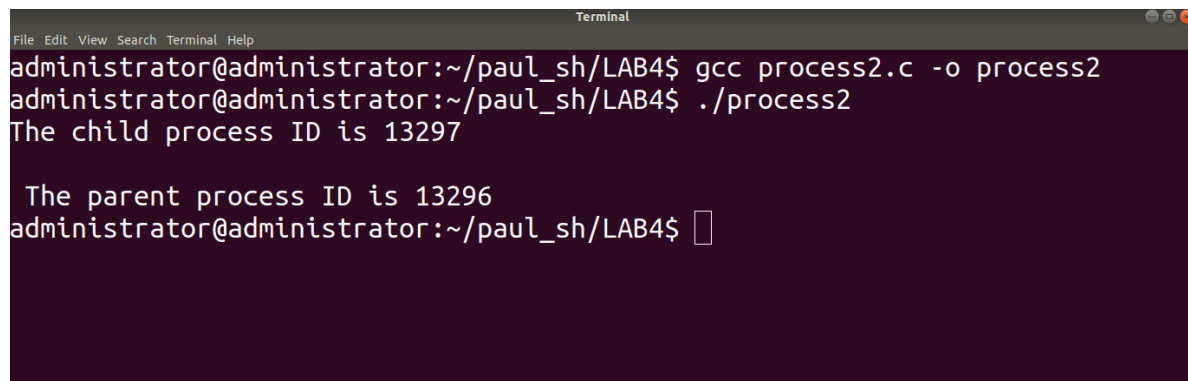
Program:

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

void main(){

int pid, pid1, pid2, c_pid;
pid = fork();

if(pid == -1){
printf("Error in process creation\n");
exit(1);
}
if(pid != 0){
c_pid = wait(NULL);
pid1 = getpid();
printf("\n The parent process ID is %d\n", pid1);
}
else{
pid2 = getpid();
printf("The child process ID is %d\n", pid2);
}
}
```

OUTPUT:A terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help) and a dark background. The prompt is "administrator@administrator:~/paul_sh/LAB4\$". The user enters "gcc process2.c -o process2", followed by "./process2". The output shows "The child process ID is 13297" on one line and "The parent process ID is 13296" on the next line. The prompt returns to "administrator@administrator:~/paul_sh/LAB4\$".

```
administrator@administrator:~/paul_sh/LAB4$ gcc process2.c -o process2
administrator@administrator:~/paul_sh/LAB4$ ./process2
The child process ID is 13297

The parent process ID is 13296
administrator@administrator:~/paul_sh/LAB4$
```