

Experiment 9 - Write a program in C that creates a child process, waits for the termination of the child and lists its PID.

```
vaibhav@VAIBHAV: ~  
GNU nano 4.8 9  
#include<unistd.h>  
#include<sys/types.h>  
#include<stdio.h>  
#include<sys/wait.h>  
int main()  
{  
    pid_t p;  
    printf("before fork\n");  
    p=fork();  
    if(p==0)  
    {  
        printf("I am child having id %d\n",getpid());  
        printf("My parent's id is %d\n",getppid());  
    }  
    else  
    {  
        wait(NULL);  
        printf("My child's id is %d\n",p);  
        printf("I am parent having id %d\n",getpid());  
    }  
    printf("Common\n");  
}
```

```
vaibhav@ubuntu:~$ gcc 9.c  
vaibhav@ubuntu:~$ ./a.out  
before fork  
I am child having id 2956  
My parent's id is 2955  
Common  
My child's id is 2956  
I am parent having id 2955  
Common  
vaibhav@ubuntu:~$
```