

Experiment: 9

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

```
GNU nano 6.2                                script9.c
#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",getpid());
    }
    else
    {
        wait(NULL);
        printf("My child's id is %d\n",p);
        printf(" I am parent having id %d\n",getpid());
    }
}
```

```
khushi@khushi-VirtualBox:~$ ./a.out
Before fork
I am child having id 5430
My parent's id is 5430
Done
My child's id is 5430
I am parent having id 5429
Done
khushi@khushi-VirtualBox:~$
```