

Experiment 9

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

```
#include<stdio.h>
#include<sys/types.h>
#include<unistd.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: %d\n",getppid());
```

```
} else{
```

```
wait(NULL);
```

```
printf("my child's is: %d\n",p);
```

```
printf("I am parent having id: %d\n",getpid());
```

```
} printf("Done\n");
```

```
return 0;
```

```
}
```



```
GNU nano 6.2 bs.c
#include<stdio.h>
#include<sys/types.h>
#include<unistd.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: %d\n",getppid());
}
else{
wait(NULL);
printf("my child 's is: %d\n",p);
printf("I am parent having id : %d\n",getpid());
}
printf("Done\n");
return 0;
}
```

Read 20 lines

Help Write Out Where Is Cut Execute Location Undo Set Mark
Exit Read File Replace Paste Justify Go To Line Redo Copy

```
ayush@ayush-VirtualBox: ~$ nano bs.c
ayush@ayush-VirtualBox: ~$ ./a.out
before fork
I am child having id: 26352
my parent's id: 26351
Done
my child 's id: 26352
I am parent having id : 26351
Done
ayush@ayush-VirtualBox: ~$
```