```
  GNU nano 7.2                                    process_creation.c *
#include <stdio.h>
#include <unistd.h>

int main() {
    pid_t pid = fork();
    if (pid == 0) {
        printf("This is the child process. PID: %d\n", getpid());
    } else if (pid > 0) {
        printf("This is the parent process. PID: %d\n", getpid());
    } else {
        printf("Fork failed!\n");
    }
    return 0;
}
```

```
                                                     file1.c

void hello() {
    printf("Hello from file1!\n");
}
```

```
  GNU nano 7.2                                        file2.c
void hello();

int main() {
    hello();
    return 0;
}
```

```
noreen8@DESKTOP-1UV6SC4:~/ass2$ sleep 300 &
[3] 3888
noreen8@DESKTOP-1UV6SC4:~/ass2$ jobs
[2]-  Running                 sleep 300 &
[3]+  Running                 sleep 300 &
noreen8@DESKTOP-1UV6SC4:~/ass2$ ps aux | grep sleep
noreen8      3872  0.0  0.0   3124  1664 pts/0    S    19:23   0:00 sleep 300
noreen8      3888  0.0  0.0   3124  1664 pts/0    S    19:24   0:00 sleep 300
noreen8      3892  0.0  0.0   4088  1920 pts/0    S+   19:24   0:00 grep --color=auto sleep
noreen8@DESKTOP-1UV6SC4:~/ass2$ kill 3872
noreen8@DESKTOP-1UV6SC4:~/ass2$ ps aux | grep sleep
noreen8      3888  0.0  0.0   3124  1664 pts/0    S    19:24   0:00 sleep 300
noreen8      3900  0.0  0.0   4088  1920 pts/0    S+   19:25   0:00 grep --color=auto sleep
[2]-  Terminated              sleep 300
noreen8@DESKTOP-1UV6SC4:~/ass2$ kill -STOP 3888
noreen8@DESKTOP-1UV6SC4:~/ass2$ kill -CONT 3888

[3]+  Stopped                 sleep 300
noreen8@DESKTOP-1UV6SC4:~/ass2$
```