```c
#include <pthread.h>

#include <stdio.h>

#include <stdlib.h>


void* func(void* arg)

{
        pthread_detach(pthread_self());


        printf("Inside the thread\n");

        pthread_exit(NULL);
}


void fun()

{
        pthread_t ptid;

        pthread_create(&ptid, NULL, &func, NULL);

        printf("This line may be printed"

                " before thread terminates\n");

        if(pthread_equal(ptid, pthread_self()))

                printf("Threads are equal\n");

        else

                printf("Threads are not equal\n");

        pthread_join(ptid, NULL);


        printf("This line will be printed"

                " after thread ends\n");


        pthread_exit(NULL);
}

int main()

{
```

```
        fun();

        return 0;

}
```

Footer