#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;

}