```c
//
//  pthread.c
//
//
//  Created by Leila Sharifi on 08/11/2020.
#include <stdio.h>
#include <pthread.h>
#define NUM_THREADS 4
void *threadFunc(void *pArg) { /* thread main */
    int *p = (int*)pArg;
    int myNum = *p;
    printf("Thread number %d\n", myNum);
    return 0;}

int main(void) {
    int i;
    pthread_t tid [NUM_THREADS];
    for(i = 0; i < NUM_THREADS; i++) { /* create/fork threads */
        pthread_create(&tid[i], NULL, threadFunc, &i);}
    for(i = 0; i < NUM_THREADS; i++) { /* wait/join threads */
        pthread_join(tid [i], NULL);}
    return 0;}
```