

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <unistd.h>
4 #include <pthread.h>
5
6 // parameter passage in threads
7
8 int numThreads=10;
9
10 void* run(void * arg){
11     sleep(1);
12     int i = *(int*)arg;
13     printf("i=%d\n",i);
14     delete (int*)arg;
15     return NULL;
16 }
17
18 int main(int arg, char* argv[])
19 {
20     pthread_t thid[10];
21
22     for(int i=0; i<numThreads;i++){
23         int* p = new int; // what if no pointer?
24         *p=i;
25         int ris = pthread_create(&thid[i], NULL, &run, p);
26         if (ris){
27             printf("errore creazione thread\n");
28             exit(-1);
29         }
30     }
31     for(int i=0; i<numThreads;i++)
32         pthread_join(thid[i], NULL);
33 }
34
```