

```
1  /*
2  Hello!
3  Compila con gcc -fopenmp omp_hello.c -o omp_hello
4  */
5
6  #include <omp.h>
7  #include <stdio.h>
8  #include <stdlib.h>
9
10 int main (int argc, char *argv[]) {
11     int nthreads, tid;
12
13     /* Fork a team of threads giving them their own copies of variables */
14     #pragma omp parallel private(nthreads, tid)
15     {
16         /* Get thread number */
17         tid = omp_get_thread_num();
18         printf("Hello World from thread = %d\n", tid);
19
20         /* Only master thread does this */
21         if (tid == 0) {
22             nthreads = omp_get_num_threads();
23             printf("Number of threads = %d\n", nthreads);
24         }
25     } /* All threads join master thread and disband */
26     exit(0);
27 }
28
29
30
```