

```
1 #include <pthread.h>
2 #include <stdio.h>
3 #include <stdlib.h>
4
5 #define NUMBER_OF_THREADS 10
6
7 void *print_hello_world(void *tid)
8 {
9     /* prints the thread's identifier, then exits.*/
10    printf ("Thread %d: Hello World!\n", tid);
11    pthread_exit(NULL);
12 }
13
14 int main(int argc, char *argv[])
15 {
16    pthread_t threads[NUMBER_OF_THREADS];
17    int status, i;
18    for (i=0; i<NUMBER_OF_THREADS; i++)
19        {
20            printf ("Main: creating thread %d\n",i);
21            status = pthread_create(&threads[i], NULL, print_hello_world, (void *)i);
22
23            if(status != 0){
24                printf ("Oops. pthread_create returned error code %d\n",status);
25                exit(-1);
26            }
27        }
28    exit(NULL);
29 }
```