

```

#include <stdio.h>

#include <pthread.h>

#define NUM_THREADS 5

// Function that will be executed by each thread
void *threadFunction(void *threadID) {
    int tid = *((int*)threadID);
    printf("Hello from Thread %d\n", tid);
    pthread_exit(NULL);
}

int main() {
    pthread_t threads[NUM_THREADS];
    int threadIDs[NUM_THREADS];

    for (int i = 0; i < NUM_THREADS; i++) {
        threadIDs[i] = i;

        int threadCreateStatus = pthread_create(&threads[i], NULL, threadFunction,
        (void*)&threadIDs[i]);

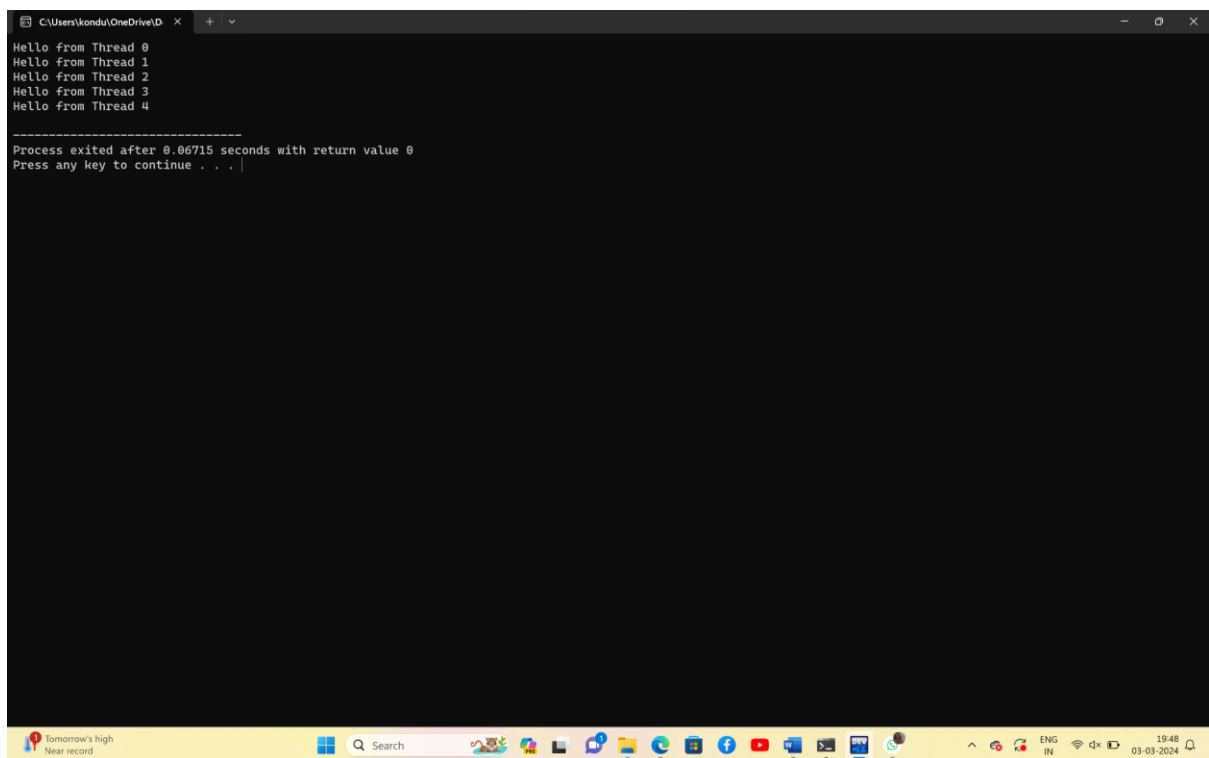
        if (threadCreateStatus) {
            printf("Error creating thread %d\n", i);
            return -1;
        }
    }

    for (int i = 0; i < NUM_THREADS; i++) {
        int threadJoinStatus = pthread_join(threads[i], NULL);

        if (threadJoinStatus) {

```

```
        printf("Error joining thread %d\n", i);  
        return -1;  
    }  
}  
  
pthread_exit(NULL);  
}
```



The screenshot shows a Windows command prompt window with the following text:

```
C:\Users\kundu\OneDrive\D>  
Hello from Thread 0  
Hello from Thread 1  
Hello from Thread 2  
Hello from Thread 3  
Hello from Thread 4  
  
-----  
Process exited after 0.06715 seconds with return value 0  
Press any key to continue . . . |
```

The window title bar indicates the path `C:\Users\kundu\OneDrive\D`. The Windows taskbar at the bottom shows the Start button, a search bar, and several application icons. The system tray on the right displays the date and time as 19:48 on 03-03-2024.