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Q1.
#include <stdio.h>
#include <stdlib.h>
#include <pthread.h>
void *print message function(void *ptr);
int main() {
  pthread_t thread1, thread2;
  char *message1 = "Thread 1";
  char *message2 = "Thread 2";
  int iret1, iret2;
  /* Create independent threads each of which will execute function */
  iret1 = pthread_create(&thread1, NULL, print_message_function, (void*) message1);
  iret2 = pthread create(&thread2, NULL, print message function, (void*) message2);
  /* Wait till threads are complete before main continues. */
  pthread join(thread1, NULL);
  pthread_join(thread2, NULL);
  printf("Thread 1 returns: %d\n", iret1);
  printf("Thread 2 returns: %d\n", iret2);
  exit(0);
}
void *print message function(void *ptr) {
  char *message;
  message = (char *) ptr;
  printf("%s\n", message);
  return NULL;
}
Q2.
```

The line `iret1 = pthread_create(&thread1, NULL, print_message_function, (void*) message1); `creates a new thread that executes the `print_message_function` with `message1` as its argument. The `&thread1` stores the thread's ID, `NULL` specifies default thread attributes, and `iret1` captures the return value of `pthread_create`, indicating success (`0`) or failure (error code). This allows the program to run `print_message_function` concurrently in a separate thread.