Illustrate the concept of multithreading using a C program

#include <stdio.h>

#include <pthread.h>

#include <unistd.h>

void\* print\_message(void\* arg) {

char\* message = (char\*)arg;

for (int i = 0; i < 5; i++) {

printf("%s - iteration %d\n", message, i + 1);

sleep(1);

}

return NULL;

}

int main() {

pthread\_t t1, t2;

pthread\_create(&t1, NULL, print\_message, "Thread 1");

pthread\_create(&t2, NULL, print\_message, "Thread 2");

pthread\_join(t1, NULL);

pthread\_join(t2, NULL);

printf("Both threads have finished execution.\n");

return 0;

}