**11. Illustrate the concept of multithreading using a C program**

#include <stdio.h>

#include <pthread.h>

void\* threadFunction(void\* arg) {

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

printf("%s\n", message);

return NULL;

}

int main() {

pthread\_t thread1, thread2;

char\* message1 = "Hello from Thread 1!";

char\* message2 = "Hello from Thread 2!";

pthread\_create(&thread1, NULL, threadFunction, (void\*)message1);

pthread\_create(&thread2, NULL, threadFunction, (void\*)message2);

pthread\_join(thread1, NULL);

pthread\_join(thread2, NULL);

return 0;

}

