1. Write a programme that uses pthreads, to create two threads. Show how two different functions could be run in parallel using this.

The programme should:

- (i) Have #include <pthread.h>
- (ii) Have at least two variables of type pthread_t.
- (iii) Use default pthread attributes for the threads.

Use '-lpthreads' while compiling your programme.

2. Write a small programme that uses NACHOS threads.