Condition Variable Practical Exercises

Program Performing a Download

- Write a threaded program which simulates a download application
  - One thread fetches the data over the network
  - Another thread displays a progress bar
  - A third thread will process the data when the download is complete
- Use condition variables to synchronize the threads
  - There is no need to write any networking or GUI interface code
- Make sure that your program is not affected by data races