Challenge Lab 07.02

Read emails sent to a Gmail account

Description:
Set up a Gmail account and write a script that will read all the emails sent to it, you can output the messages to the console, or output them to an Excel spread sheet.

Suggested steps:
1. Create a Gmail account and check that you can send messages to it.
2. Search for "Gmail API python tutorial " or something similar, have a look at the different results and see if there is anything suitable. For this part don't try to write any code.
3. Create an APIkey on Gmail (you can search how to do this).
4. Install the modules that you need.
5. Test that they are working on your code by doing the relevant import
6. One set of modules might be Google's modules designed to deal with OAuth, try running these and see if you can connect to the Gmail without error.
7. Try downloading all the unread messages from the inbox and output to the screen.
8. Output just the subjects to the console (then try the contents and from fields).
9. Modify the program to output to an Excel sheet.