

## Intro to Python - Lesson 4

Please review the following website on “Using comments” and the video on Constants before the Python class.

<https://phoenixnap.com/kb/how-to-use-comments-in-python>  
<https://www.youtube.com/watch?v=gXF5HyW-z7Y>

Use the following exercise to practice IPO Charts and Python – add comments at the beginning of the program (Filename, description, author and date) and throughout the code to explain the purpose of code blocks. We will convert these into programs during our class this afternoon.

1. Design a program to be used by the local gym to bill their members. Set up a constant for the membership cost and the sales tax rate. The user will input from the keyboard the membership number, member name, street address, phone number, and the number of family members on the membership.

Calculate the membership cost using \$125 for the first member and \$75.00 for each additional member. HST is calculated at 15% on the membership cost. The total membership cost is the membership cost plus the HST. If the member cancels their membership at any time, the cancellation fee is 60% of the membership cost for 3 months.

Display all input values and calculated values to the screen.

2. Using the NL Chocolate Company program, add comments, constants and proper spacing for the program looks professional and easy to read.
3. Using the Computer Liquidation program, add comments, constants and proper spacing for the program looks professional and easy to read.

See you at 1.