CIS 1L  Excel Lecture #3 of 3 Notes

[last time: formulas, functions( sum, average), fill, auto format, relative/absolute reference ]
This Week:  More with spreadsheets  Next Time:  Excel Lab practical

Spreadsheet / Microsoft Excel

Review of Functions:
  Useful simple range functions:  count(),  min(),  max()

More Complicated Functions:
  Pmt(rate per payment, numpayments, amtborrowed)

  The If function.  =if( logical expression, truevalue, falsevalue)

  Expression -> evaluates to a value, logical expression -> true or false

Example
  Translate: Ammount to Borrow, Annual Interest Rate and Number of Years
  To Monthly payments

  Use If to say "can we afford it"

Charts and Graphs
  Can be very complicated (have lots of control over charts and graphs!)
  However, the simple approach works pretty well.
  Highlight area/ values to graph. Include "labels"
  Hit chart Wizard Button. Follow steps, enter values.

  PieChart to show percentage of whole
  Bar/Column chart to show sequence of values
  (not covered: Line Charts to graph one thing against another)

Cut and Paste
  Cells or graphs into word

Possible Assignment:
Include in a cell, your name, cs1l, assignment #
More fun with spreadsheets: make your own loan payment calculator with at least 3 side-by-side compares.
Use the If function to see if it's within budget
Make a graph using the chart wizard!