CSI 31 LECTURE NOTES (Ojakian)
Topic 2: Variables and Assignment

OUTLINE
(References: Sweigart Ch. 1)

1. Variables

2. Assigning values to variables

3. Outputing values of variables

4. Receiving input from user

5. CodeLab online homework system

1. <u>Variables</u>

   (a) Avoid *reserved words*
   (b) They are *case sensitive*

2. <u>Assignment</u>

   (a) Example: To fixed number (check value with `print` command)
       i. Use = (distinguish from ==)
       ii. Single variable on left and an expression on the right
   (b) Multiple assignements
       i. *In-Series* versus *In-Parallel*
   (c) To an algebraic expression
   (d) To an expression involving itself

3. <u>Inputing Data</u>

   (a) Use of `input` command to get data
   (b) Use of `input` command to stop program termination

4. <u>Examples</u>

   (a) Mini Mad Libs
   (b) Temperature Converter