Lab 6: Repetition Statements

- **while loop**
  - event- or count-controlled
  - while a condition is true, perform a task

- **basics of a loop**
  1. Initialization
  2. Condition
  3. Body
  4. Update

- **squares.py**
  - correct the logic errors

- **conversion.py**
  - print the conversion table (using a loop) for Fahrenheit and Celsius

- **factorial.py**
  - ask the user for an integer and find its factorial

- **guess.py**
  - randomly choose a number between 1 and 30, allow the user to guess up to 5 times

- Don't forget to show me!