Name: SGT Schoenwald-Oberbeck, Jesse
Date: 9JUN2017
Current Module: SQL using Python
Project Name: safetydome

Project Goals:
 Build a series of web pages which display up to date information from the supplied database.

Considerations:
 o HTML must be used, but pages must be dynamic

Initial Design:
 Only the index page will be raw HTML. The rest will by python scripts in the cgi directory which build HTML from data pulled from the SQL databases. One page for each requirement.

Data Flow:
 Every page other than the HTML index page will be built with pre-constructed SQL queries which add the relevant data to HTML code generated by the python script. Data will generally be displayed via table. Some checking will be done to ensure data/arguments collected from the url are valid according to the page's needs.

Communication Protocol:
 Uses web browser, but locally. Communicates via loopback.

Potential Pitfalls:
 o Combining Python with SQL and HTML
 o pep8...

Test Plan:
  User Test:
Multiple runs of the game, using every variation/combination of options and inputs the player can think of.
  Test Cases:
All test cases completed with correct output.

Conclusion:
 Having some SQL experience from the last project made the queries rather easy to put together. HTML being brand new carried some fresh challenges, but mostly tedium. Python is familiar and was nice to get back to using. Except for pep8.