Python Coding Standards for the ShakeNBake Team

Source Code File Naming Conventions:
1. Must conform to snake case formatting
   - valid: name_search, ingredient_name
   - invalid: NameSearch, IngredientName

2. All lower case letters
   - valid: name, ingredient
   - invalid: NAME, INGREDIENT

3. No Use of Unorthodox Symbols
   - valid: transform2query
   - invalid: tra5f0rm2qu3ry!!

4. Must be coherent and be related to the stored value or purpose, acronyms are allowed **but** they must be commonly used.
   - valid: curr_ingredient, valid_ingredients, gpa
   - invalid: yurr, bogsat, next

Lab File Naming Conventions
1. Must start with Shake&Bake followed by file name
   - **Example Here**

     ShakeNBake_coding_standards

File Formatting:
1. File header needed
   - **Example Here**
     """

      db_manager.py

      Database manager used to as a center to interface with the database

      Created by Anapat B., 27 Sep 2023

      """

2. Function comments needed
   - **Example Here**

     [Function Name]
     """
     Create element to be added to the database

:param conn: Connection to the database
:param task: Elements to be added to the database
:param table: Name of the table to add the data to
:return:
"""

File Importing:
1. When importing the database manager, which is named db_manager.py in the source files, to other python source files; this file is to be imported as "db" in the other source files
   - **Example Here:**
     - import **db_manager** as **db**