Extracts from Python Documentation for a selection of string methods and functions.
Note: Not all will be required for this assignment.

String Indexing:
str[n] : The character of the string located at str index *n*, where str is a string variable or literal.

Built-in Functions

len(*s*)
Return the length (the number of items) of an object. The argument may be a sequence (such as a string, bytes, tuple, list, or range) or a collection (such as a dictionary, set, or frozen set).

String Methods

str.**lower()**
Return a copy of the string with all the cased characters converted to lowercase.

str.**upper()**
Return a copy of the string with all the cased characters converted to uppercase.

str.**isalnum()**
     Return `True` if all characters in the string are alphanumeric and there is at least one character, `False` otherwise. A character `c` is alphanumeric if one of the following returns `True`: `c.isalpha()`, `c.isdecimal()`, `c.isdigit()`, or `c.isnumeric()`.

str.**isalpha()**
     Return `True` if all characters in the string are alphabetic and there is at least one character, `False` otherwise. Alphabetic characters are those characters defined in the Unicode character database as "Letter", i.e., those with general category property being one of "Lm", "Lt", "Lu", "Ll", or "Lo". Note that this is different from the "Alphabetic" property defined in the Unicode Standard.

str.**isdigit()**
     Return `True` if all characters in the string are digits and there is at least one character, `False` otherwise. Digits include decimal characters and digits that need special handling, such as the compatibility superscript digits.

str.**lstrip([***chars***])**
     Return a copy of the string with leading characters removed.
     The *chars* argument is a string specifying the set of characters to be removed. If omitted or `None`, the *chars* argument defaults to removing whitespace.

str.**rstrip([***chars***])**
     Return a copy of the string with trailing characters removed.
     The *chars* argument is a string specifying the set of characters to be removed. If omitted or `None`, the *chars* argument defaults to removing whitespace.