1. Prime fraction of a number. Like 6 = {2,3}, 24 = {2,2,2,3}.
2. Have the function AlphabetSoup(str) take the str string parameter being passed and return the string with the letters in alphabetical order

   * (ie. **hello** becomes **ehllo**). Assume numbers and punctuation symbols will not be included in the string.

3. Have the function **LetterCapitalize**(String str) take the str parameter being passed and capitalize the first letter of each word.

   * Words will be separated by only one space.

4. Have the function **LetterChanges**(String str) take the str parameter being passed and modify it using the following algorithm.

   * Replace every letter in the string with the letter following it in the alphabet (ie. c becomes d, z becomes a).

   * Then capitalize every vowel in this new string (a, e, i, o, u) and finally return this modified string.

5. Have the function **ReverseOrder(String str)** take the str parameter being passed and return the string in reversed order.

   *For example: if the input string is "Hello World and Coders" then your program should return the string sredoC dna dlroW olleH.

6. Have the function **FirstFactorial(int num)** take the num parameter being passed and return the factorial of it (e.g.

   *if num = 4, return (4 * 3 * 2 * 1)). For the test cases, the range will be between 1 and 18 and the input will always be an integer.

7. Have the function **LongestWord(String sentence)** take the sentence parameter being passed and return the largest word in the string.

   *If there are two or more words that are the same length, return the first word from the string with that length.

   *Ignore punctuation and assume sentence will not be empty.

8. Check the given String is anagram or not.

Example: Bored = Robed

Save = Vase

Angel = Glean

Stressed = Desserts

Dormitory = Dirty room

School master = The classroom