Steps to Execute the Application

1. Download Python3 on your system
   - Install using the installer (https://www.python.org/downloads)
2. Install Pip on the system
   - Using command: python get-pip.py
3. Install Flask
   - Using command: pip install flask
4. After Installing all the packages execute the file using command
   - Mac: python3 main.py
   - Windows/Linux: python main.py
5. It will run a web site on server http://localhost:5000
6. Mock-up of the website is given below, and the application can be tested by typing the order in the order and hitting submit

Breakfast

Main	Side	Drink
1. Eggs	2. Toast	3. Coffee

Lunch

Main	Side	Drink
1. Salad	2. Chips	3. Soda

Dinner

Main	Side	Drink	Desert
1. Steak	2. Potatoes	3. Wine	4. Cake

Order [_____]

[submit]

7. After hitting Submit the website takes you to a different page which displays the order and gives a link to get back to main page for more testing

HOME

['Eggs', 'Toast', 'Water']

Tests Performed

1. Input: breakfast 1,2
   Output: ['Eggs', 'Toast', 'Water']

2. Input: breakfast 1,2,3,3,3
   Output: ['Eggs', 'Toast', 'Coffee-3']

3. Input: breakfast 1,2,2,3
   Output: ['Unable to Process: ', 'Only one serving of Toast can be ordered']

4. Input: Lunch 1,2,3,3
   Output: ['Salad', 'Chips', 'Soda-2']

5. Input: Lunch 1,1,2,3,2,3
   Output: ['Unable to Process: ', 'Only one serving of Salad can be ordered']

6. Input: Lunch 1,2,2,2
   Output: ['Salad', 'Chips-3', 'Water']

7. Input: Dinner 1,2,3,4
   Output: ['Steak', 'Potatoes', 'Wine', 'Water', 'Cake']

8. Input: dinner 1,2,3
   Output: ['Unable to Process: ', 'Dessert is Missing']

9. Input: dinner
   Output: ['Unable to Process: ', 'Main is Missing', 'Side is Missing', 'Dessert is Missing']