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Problem: Where can I eat?

I approached the problem via the following steps:

Preprocessing steps:
1. Assign the given input to variables (url, timestamp)
2. Convert the given string to date, day and hour (UTC conversion) using '**datetime**' library.
3. Read the data from the url using '**urlopen**' function from '**urllib**' library.
4. Converted the data to json using **json.loads()** function.

Main Function:
1. Now that day is known, for each item in data I am checking if the '**DayOfWeekStr**' equals day (calculated in the preprocessing steps).
2. If equal I check if the hour is within the start and end time provided
3. If the hour is present in the provided range then adding it to the output list
4. Remove the duplicates in the output list
5. Sort the output list
6. Print the output list

Helper Functions:
1. **convert12to24** - This function converts hour given in 12-hour format to 24-hour format.
2. **isInTimeRange** - This function checks if the given hour falls in-between start and end time.

Time Complexity: O(n)

Space Complexity: O(n)