Project Name: CLEANING WEEK

Explanation: This program will take the start and end date of contract as input and and tenants details as input. Then the program will calculate cleaning weeks for every tenants and write to the excel the number of weeks for each tenant. Finally the program will also generate a notification email to each tenant one day prior to their cleaning week

The Program will perform the following Functionalities:

- The program inputs will be revised to have simple graphical design
- The user inputs will be checked for the wrong inputs (using try/except)
- The start and end date of tenant's contract will be processed and the total number of weeks will be calculated
- Then the number of weeks will be divided evenly among the tenants and making it sure that there is no repetition/duplication in assigning cleaning weeks to each tenant. The output will be given back in form of dictionary
- The dictionary will be will help to create EXCEL file with number of weeks for each tenant by using pandas library
- Then the weeks will be reverted to calculate the date for every week to generate email alert for each tenant.

The program will meet all the required criteria as mentioned in project guideline.

Breakdown of workflow