<u>Your task:</u>

Let's play with the *World Winning Teams* <u>again</u>. On Canvas, you will find a text file named WorldSeriesWinners.txt, which is slightly modified from previous assignment. This file contains a chronological list of the World Series' winning teams from 1903 to 2009. The first line in the file is the name of the team that won in 1903, and the last lien is the name of the team that won in 2009. (Note the World Series was not played in 1904 or 1994. In file, team names for both years are "none", which is not a real team name)

Write a program that reads the contents of a text file. The program should create a <u>dictionary</u> in which the key-value pairs are described as follows:
- Key. The keys are individual team names found in the file.
- Values. Each value is a <u>set</u> that contains the year in the file where the team won.

More specifically, your program should display the following menu option:

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1. View a team's info
2. View all team's info
3. Delete a team's info
4. Change a team's info
5. Quit
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Your program should not modify the original file.
- Option 1 will allow user to enter a team, and display the winning years for that team
- Option 2 will allow user to view all team's winning years (see sample output)
- Option 3 will allow user to enter a team's name, and delete that team's info (can't do this in reality)
- Option 4 will allow user to enter a team's name and also allow user to enter a new set of winning years (can't do this in reality)
- Option 5 should display a "Goodbye" message

<u>Other requirements:</u>
1. Make sure user's option is between 1 and 5
2. You need the following functions (feel free to add more functions if needed):
   - get_dict(team_list)this function will take the team_list input parameter and build a dictionary, so keys will be all team names, and values will be their winning years. Again, first line represent year 1903. The dictionary should be returned to function call
   - display(dict): this function will display all elements of dictionary built. If you see my sample output, I display 8 years per line (see New York Yankees).
     - You should display in the format of
       Team name:
           Year 1 Year 2.....
     - Team "none" is not a real team. It's just a place holder, so you should not display it