1.   Write a program which uses an ArrayList of Strings to store the names of the
        five top teams in the premier league. This program should prompt the user to enter
        a team name before adding it to the ArrayList. The program should then
        display each item on screen.

2.   In the ArrayList API examine both add() methods. Modify your program so that
        the user can insert an element into the middle of the ArrayList. After adding five
        teams and displaying them on screen, prompt the user to enter the team name and
        the position (or index) they wish to insert into before carrying out the add operation.
        (What happens if the index is out of range? Fix this problem)

3.   In the ArrayList API examine both remove() methods. Modify your program so
        that the user can remove one of the elements in the ArrayList. The program
        should prompt the user to user to enter the team name before carrying out the
        operation. Sample output:

```
Premier league top teams:
Man City
Man United
Liverpool
Tottenham Hotspur
Chelsea

Enter a team to remove: Man United

After calling remove() Premier league top teams:
Man City
Liverpool
Tottenham Hotspur
Chelsea
```

4.   Modify your program again so that the user can remove one of the elements in the
        ArrayList based on its location in the list. The program should prompt the user
        to enter the index or position they wish to remove from before carrying out the
        operation. (Your program should include appropriate validation i.e the index must
        be in range.)

5.   Modify this program so that the following menu is continually displayed until the
        user selects 0. The user can choose to add, remove or view teams. Use
        appropriate error checking.

```
League Menu
1. View all teams
2. View one team (based on position
3. Add a team (to end of list)
4. Insert a team in list
5. Remove a team (use name)
6. Remove a team (based on position
0. Exit

Enter your choice: 3
```