

Movie Watchlist Management System using ArrayList

You are tasked with developing a simple **movie watchlist management system** for a streaming application.

The system allows users to:

- Input a list of movie titles.
- Display the current watchlist.
- Search for a specific movie in the watchlist.
- Remove a movie from the watchlist if it exists.
- Display the total number of movies in the watchlist after performing the search and delete operations.

If a movie is not found during the search or delete operation, the program should indicate that the movie is not found.

Input Format

- **First Line:** An integer 'n' representing the number of movies in the watchlist.
- **Next 'n' Lines:** Each line contains a movie title (one per line).
- **Next Line:** A string representing the movie to be searched.
- **Last Line:** A string representing the movie to be deleted.

Output Format

Display the Current Watchlist:

Print `Movies in the Watchlist:`

For each movie in the watchlist, print the movie title on a new line.

Search Result:

If the movie is found in the watchlist, print:

`Movie '<searched movie>' found in the watchlist`

If the movie is not found in the watchlist, print:

`Movie '<searched movie>' not found in the watchlist`

Deletion Result:

If the movie to be deleted is found in the watchlist, print:

`Movie '<deleted movie>' deleted from the watchlist`

If the movie to be deleted is not found in the watchlist, print:

`Movie '<deleted movie>' not found in the watchlist`

Display the Updated Watchlist:

After the deletion operation (regardless of whether a movie was deleted or not), print the updated watchlist.

Print `Movies in the Watchlist after update:`

For each movie in the updated watchlist, print the movie title on a new line.

Total Number of Movies:

After all operations (search and delete), print the total number of remaining movies in the watchlist.

Print `Total number of movies: <number>`.

Sample Input 1

```
3
Inception
Titanic
Avatar
Titanic
Interstellar
```

Sample Output 1

```
vbnet

Movies in the Watchlist:
Inception
Titanic
Avatar
Movie 'Titanic' found in the watchlist
Movie 'Interstellar' not found in the watchlist
Movies in the Watchlist after update:
Inception
Titanic
Avatar
Total number of movies: 3
```

Sample Input 2

```
4
Joker
The Batman
Dune
Oppenheimer
Dune
Joker
```

Sample Output 2

sql

```
Movies in the Watchlist:
Joker
The Batman
Dune
Oppenheimer
Movie 'Dune' found in the watchlist
Movie 'Joker' deleted from the watchlist
Movies in the Watchlist after update:
The Batman
Dune
Oppenheimer
Total number of movies: 3
```

Sample Input 3

```
mathematica
```

```
4
```

```
Avengers
```

```
Iron Man
```

```
Doctor Strange
```

```
Black Panther
```

```
Spider-Man
```

```
Thor
```

Sample Output 3

```
vbnet
```

```
Movies in the Watchlist:
```

```
Avengers
```

```
Iron Man
```

```
Doctor Strange
```

```
Black Panther
```

```
Movie 'Spider-Man' not found in the watchlist
```

```
Movie 'Thor' not found in the watchlist
```

```
Movies in the Watchlist after update:
```

```
Avengers
```

```
Iron Man
```

```
Doctor Strange
```

```
Black Panther
```

```
Total number of movies: 4
```