Handling multiple Strings in C Language

1. Write a program to find the number of vowels in each of the 5 strings stored in two dimensional arrays, taken from the user.
2. Write a program to sort 10 city names stored in two dimensional arrays, taken from the user.
3. Write a program to read and display a 2D array of strings in C language.
4. Write a program to search a string in the list of strings.
5. Suppose we have a list of email addresses, check whether all email addresses have '@' in it. Print the odd email out.
6. Write a program to print the strings which are palindrome in the list of strings.
7. From the list of IP addresses, check whether all ip addresses are valid.
8. Given a list of words followed by two words, the task is to find the minimum distance between the given two words in the list of words.
   (Example : s = {"the","quick","brown","fox","quick"}
       word1 = "the", word2 = "fox", OUTPUT : 1)
9. Write a program that asks the user to enter a username. If the username entered is one of the names in the list then the user is allowed to calculate the factorial of a number. Otherwise, an error message is displayed
10. Create an authentication system. It should be menu driven.