LAB 06.

Create a solution using C++ and test.

7. Phone Number Lookup

Design a program that has two parallel arrays: a string array named people that is initialized with the names of seven of your friends, and a string array named phoneNumbers that is initialized with your friends' phone numbers. The program should allow the user to enter a person's name (or part of a person's name). It should then search for that person in the people array. If the person is found, it should get that person's phone number from the phoneNumbers array and display it. If the person is not found in the people array, the program should display a message indicating so.

Use the following hand-tracing sheet to populate your arrays:

Name	Phone
Adam	7708963541
Eva	7702569874
Scott	6783695284
Williams	4046589785
Peter	7702583698
Bolivar	4042581397
Washington	6789851425
Tom	6782583698
Kaliman	6879873698
Arandu	7702583698

Additional Requirements:

The program should display a menu like:

1) Search for a phone number.
2) Exit.

If the user select option 1 the program will ask for a name and if it exist in the database the phone number is displayed otherwise a message like " phone number for the name entered does not exist in the database. The user should be able to keep looking for phone numbers until he\she decides to go back to the main menu and exit the program.

- Create a menu function.
- Create a function for searching a phone number when the name is used as input. Ex: string search(string username) the function returns a phone number if the name is in the database otherwise it return an empty string.

Any question? Just email me.