

9. Charge Account Validation

Create an application that allows the user to enter a charge account number. The application should determine whether the number is valid by comparing it to the numbers in the following list:

5658845	4520125	7895122	8777541	8451277	1302850
8080152	4562555	5552012	5050552	7825877	1250255
1005231	6545231	3852085	7576651	7881200	4581002

The list of numbers should be stored in an array. A sequential search should be used to locate the number entered by the user. If the user enters a number that is in the array, the program should display a message indicating the number is valid. If the user enters a number that is not in the array, the program should display a message indicating the number is invalid.