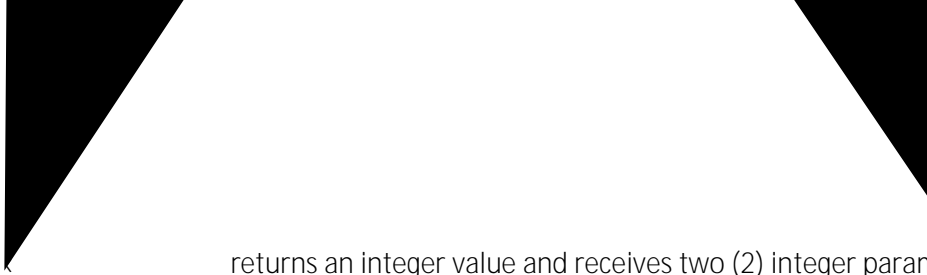


Winter 2018

Assignment 2 uses assignment 1

The contact helper module contains a group of common functions for use in other source code modules in the application. Other module

- < returns an integer value and has no parameters.
- < This function gets a valid integer from the keyboard and returns it. If the value entered is not a valid integer



returns an integer value and receives two (2) integer parameters.

<

Wait (for Yes or No).
If the user replies Yes

3. Update the functions `getName`, `getAddress`, and `getNumbers` to use any of the new functions created in the `contactHelpers.h` library

- < does not return a value and receives one integer parameter.
- < The details on how this function should work is described in Milestone

Open the header file

+-----

- < does not return a value and receives a array, and an integer (intended for representing the size of the Contact array).
- < This function should first determine if there is an available slot (empty index) in the contact array. This requires iterating the contact array and looking for the first
av

< Lastly display a confirmation message

5. Lastly, revise the `ContactManagementSystem` function.
 - < Create a `contacts` array sized to `MAXCONTACTS` and provide it a meaningful name.
 - Initialize the array to hold the following:

```
{ { { "Rick", { '\0' }, "Grimes" },  
  { 11, "Trailer Park" }
```


Contacts Listing	
Rick Grimes	

5. Search contacts by cell phone number
6. Sort contacts by cell phone number

0. Exit

0. Exit

Select an option: >

Please enter the contact's first name:

Do you want to enter a middle initial(s)? (y or n):

Contact Management System

-
- 1. Display contacts
- 2. Add a contact
- 3. Update a contact
- 4. Delete a contact
- 5. Search contacts by cell phone number
- 6. Sort contacts by cell phone number
- 0. Exit

Select an option: >

Enter the cell number for the contact:

Below is a sample output. User input values are identified in . Your output should match exactly:

```
-----
Testing: Final A#2-Milestone #4 (Sort)
-----
Contact Management System
-----
1. Display contacts
2. Add a contact
3. Update a contact
4. Delete a contact
5. Search contacts By 2207605005770004658135Tm0I gOSGq(*)]op5EE00n09000910 0016722824656ET0.000g0.
```


Please enter the contact's street number:
Please enter the contact's street name:
Do you want to enter an apartment number? (y or n):
Please enter the contact's apartment number:
Please enter the contact's postal code:
Please enter the contact's city:
Please enter the contact's cell phone number:
Do you want to enter a home phone number? (y or n):
Please enter the contact's home phone number:

- 6. Sort contacts by cell phone number
- 0. Exit

Select an option: >

*** ERROR: The contact list is full! ***
(Press Enter to Continue)

Contact Management System

- 1. Disp

C: 4161112222 H: 4162223333 B: 4163334444
11 Trailer Park, King City, A7A 2J2

1. Display contacts

