

Name \_\_\_\_\_

1. Write a function `tableFill()`, that will prompt a user for values to enter into an array. The function takes 2 parameters: the array and its size, Make certain that you check the array boundaries.
2. Write a function `tableAverage()`, that computes and returns the average of the first `n` elements of an array of ints. Test with a small program that uses `tableFill` to fill the array with values.
3. Write a function that determines if an array of ints is symmetrical. That is, its first element is the same as its last, its second element is the same as its next to last, etc.
4. Write a program that defines an `Employee` structure containing name, salary, hours worked, and gross pay. Create an array called `Company` consisting of 3 employees. Assign data to each member of each element of the array. Finally, display the data you assigned. The last line of the display should be the total gross pay.
5. Using the program for the previous problem, change the hours worked for the second `Employee` in the array and update the gross pay. Re-display the entire array.