

1. Write a program that uses an array and calculates the average of up to 100 floating point numbers. The program should ask the user how many numbers are to be averaged, and then prompt the user to enter each number. After the last number is entered, the average is displayed.
2. Write a program that uses arrays to reverse the characters in a string. The program should ask the user to enter a string. The program then displays the string entered by the user followed by the string in reverse order.

For each of the exercises:

1. screen dump of successful compiles and links
2. screen dump of program executions
3. screen dumps of code

Make sure your name is written on each page.