Recursion

First three problems count for your quiz4.

1) Write a recursive function which adds the first n numbers. [**1 point**]

   Use **sum.c** as starter code.

2) Write a recursive function to find the sum of digits of a given number. [**1 point**]

   Use **sumdigits.c** as starter code.

3) Write recursive function to print the given LinkedList in
   a. The order of traversal of nodes. [**0.5 point**]
   b. Reverse order. [**0.5 point**]

   Use **linkedlist.c** as starter code.

4) Write a recursive function which checks if a given string is palindrome or not.