Question 1 (6)

REVERSESENTENCE(InputSentence) (1)

‘’’takes string input of a sentence. Splits the sentence into the individual words and assigns them to a list. Finds the length of the list, Goes through the list from last word to first, adding each word to a new string. After all the words are in the new string. Returns the string which holds the reversed sentence. ‘’’

//puts every word in the string the list as an individual item.

List <- Split words in sentence (n)

//gets length of list

i <- length of List (1)

//whilst there are still items in the list, add the item indexed to the new string, from the end //to the beginning.

While i >=1 (n)

reversed <- reversed + List[i] + “ “ (n)

i <- i - 1 (n)

Return Reversed (1)

Run time: 4n+4

Big O: O(n)