**Exercise 1:**

Palindrome is a string, which when read in both forward and backward way is same. Write a C++ Function which tells whether the given string is palindrome or not. The function should return true if the input string is palindrome and vice versa.

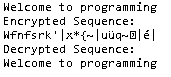
bool isPalindrome(char input[]);

Call this function in the main and print appropriate message.

**Exercise 2:**

When sending or receiving messages the security of the message is very important. There are several methods to secure the messages transmitted, one of them is encryption. Your program should take a sentence as input in a character array which is null terminated. Your task is to code two functions to keep the messages secure. First you need to encrypt, making a function encrypt(char array[]). The character array should be encrypted by **adding the index** of the element to the character. Then you need to decrypt the array, decrypt(char array[]),making a function to reveal the original sentence.

**Sample Output:**

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**Exercise 3:**

Your program should take a sentence as input in a character array which is null terminated. Your task is to pass this array to a function which reverses each word.

void reverseWords(char array[]);

Modify original array, print the result after the function call.

**Sample Output:**

