Practice Exercise #36: Palindrome

http://www.comp.nus.edu.sg/~cs1010/4_misc/practice.html

Reference: Week 10 Discussion Question

Date of release: 13 October 2014

Objective: String

Task statement:

A *palindrome* is a text that reads the same backward as forward. If we disregard case, then the following are palindromic words: "Madam", "level", and "roTAtoR".

Write a program **palindrome.c** to request from the user a word with at most 20 characters. It hen calls a function **isPalindrome()** which returns 1 if the word is a palindrome disregarding case, or 0 otherwise.

Your program should not create any additional array/string.

Sample runs:

```
Enter word: selfless
"selfless" is not a palindrome.

Enter word: kaYAK
"kaYAK" is a palindrome.
```