

Homework 4: Strings

L555

Due Wednesday, October 18

- Write a program that reads in a sentence and returns all the words that do not contain the letter 'e'. (A *word* here is defined as any string occurring between whitespace.)
 - Write a program that takes a sentence and a string of forbidden characters and returns a message to say whether any of these characters are in the sentence.
 - Note that you can convert a string into a list by the command `list(mystring)` (where `mystring` is a well-defined string)
- Write a program that checks if a word that the user enters is a palindrome. Make sure that your program works for words with an odd number of characters as well as for words with an even number.