

Palindrome Checker

1. Problem Description

Desperate to cash in on the phone app market and betting that quirky English phrases will become the next meme, you decide to build a Palindrome checker. A palindrome, you no doubt remember, is a phrase that reads the same forwards as backwards (ignoring spaces, capitalization and punctuation). The following are all examples:

- Racecar
- Amore, Roma
- A man, a plan, a canal, Panama!
- Was it a cat I saw?
- Never odd or even

You are to continually accept a user input string and identify which are a Palindrome. Continue until the user enters the word “done”.

2. Notes

- Turn in only your source files.
- Do not use a package.

3. Required Main Class

Palindrome

4. Required Input

A series of user entered prospective palindromes, including the final input “done”.

5. Required Output

Your output should look something like the following example. It should include your name.

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Palindrome Checker - E. Eckert
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Enter phrase: A man, a plan, a canal, Panama!  
That is a Palindrome.
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Enter phrase: Once upon a time  
That is NOT a Palindrome.
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Enter phrase: No 'x' in Nixon.  
That is a Palindrome.
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Enter phrase: done
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