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## 01-01

## Challenge 08 - Palindromes



Photo by [Jelleke Vanooteghem](#)

## Objectives

Determine if a given word is a palindrome.

## Guidelines

A palindrome is a string that reads the same forwards and backwards, like "madam" for example.

Ask the user for a string and print out whether this string is a palindrome or not.

Your program must be written in `src/palindrome.py`. You may need to use an `if / else` statement : check the documentation.

### **Bonus (more difficult)**

For a given input string *S*, return the longest palindrome found within. If multiple substrings qualify, print them all in the same order as they appear in *S*.