Codewriting   🔰 **300**

Given a string, find the shortest possible string which can be achieved by adding characters to the end of initial string to make it a palindrome.

Example

For `st = "abcdc"`, the output should be
`solution(st) = "abcdcba"`.

Input/Output

- **[execution time limit] 4 seconds (py3)**

- **[input] string st**

    A string consisting of lowercase English letters.

    Guaranteed constraints:
    `3 ≤ st.length ≤ 10`.

- **[output] string**

[Python 3] Syntax Tips

```python
# Prints help message to the console
# Returns a string
def helloWorld(name):
    print("This prints to the console when you Run Tests")
    return "Hello, " + name
```