

## Foundations of Code Lab 3 – Palindrome

A palindrome is a word, sentence, verse, or even number that reads the same backward or forward. Examples include noon, racecar, civic, level, and mom. Our goal in this assignment is to determine whether or not a word that is input into the terminal is a palindrome.

For example: your code should behave something like this:

```
> input your word: hello
>hello is not a palindrome
```

And

```
>input your word: noon
>noon is a palindrome
```

### String Functions that might be useful:

From this assignment onward, you must clean your input from the keyboard. Recall commands such as

- `.lower()`: makes all text lowercase
- `.upper()`: makes all text uppercase
- `.strip()`: removes all excess whitespace at the beginning and end of a string

**Submission:** Remember that we now have an ssh server. Submit your program by uploading it to your /2025/275/0x/username folder under lab3.

Remember that your username is your <lastname><firstinitial><graduation year> and to ssh into the server, you either need to use vscode or use WSL or ubuntu and use the command

ssh [username@172.234.66.63](ssh_username@172.234.66.63)