

## Lecture 08 Exercises

### CS 51P – Fall 2022

Define a function `findchar` that takes two parameters, a string `s` and a character `c`, and returns the index of the first instance of that character. If that character does not appear in the string, it returns `-1`.

Evaluate the following expressions. Assume the variable `test` stores the string “This is a string”

- `test[10]`
- `test[0:2]`
- `test[:5]`
- `test[::2]`

Define a function `half` that takes one parameter `s` (a string) and returns the first half of that string.

Define a function `combine_files` that takes three arguments (`infile1`, `infile2`, `outfile`), all of which are strings, and creates a new file named `outfile` whose contents are the contents of the file named `infile1` followed by the contents of the file named `infile2`.