CS 50 – Spring 2026
Lecture 07

1. 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

2. Without using string indexing, define a function `countchar` that takes two parameters, a string `s` and an char `c` and returns the number of times that character appears in the string.

3. Evaluate the following expressions:

```
test = "This is a string"
```

- `test[10]`

- `test[-1]`

- `test[0:2]`

- `test[2:6]`

- `test[:5]`

- `test[::2]`

4. Define a function `average` that takes one parameter (a tuple `vals` containing a sequence of numbers) and returns the average of the numbers in the tuple.