

# **EE 200** Lecture 6: More on arrays and pointers

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# Copying strings

(PollEverywhere + discussion)

# Const and strings

Why does this crash?

```
void fixString(char* str)
{
    str[0] = 'U';
}
```

```
int main(int argc, char* argv[])
{
    char* cucumber = "I like cucumbers.";
    fixString(cucumber);
}
```

# Const and strings

What happens now?

```
void fixString(char* str)
{
    str[0] = 'U';
}
```

```
int main(int argc, char* argv[])
{
    const char* cucumber = "I like cucumbers.";
    fixString(cucumber);
}
```

# Const and strings

What happens now?

```
void fixString(const char* str)
{
    str[0] = 'U';
}
```

```
int main(int argc, char* argv[])
{
    const char* cucumber = "I like cucumbers.";
    fixString(cucumber);
}
```

# Grading

You should be able to see your results for classwork 3

# tmux

tmux lets you have multiple terminals over an SSH session

- `tmux` Start tmux
- `tmux attach` Reconnect to an existing tmux session
- `<Ctrl>B, then d` Disconnect but leave session running
- `<Ctrl>B, then %` Split horizontally (side by side)
- `<Ctrl>B, then "` Split vertically
- `<Ctrl>B, then <arrow key>` Move between panes

# Classwork 6 is hosted on Github

You have your own repository for this assignment; find the URL by going to your Github page.

Code should be submitted on Gradescope by class time (4:30pm) next week (10/3).

You will submit directly from Github, not by uploading a zip.