CS50's Introduction to Programming with Python

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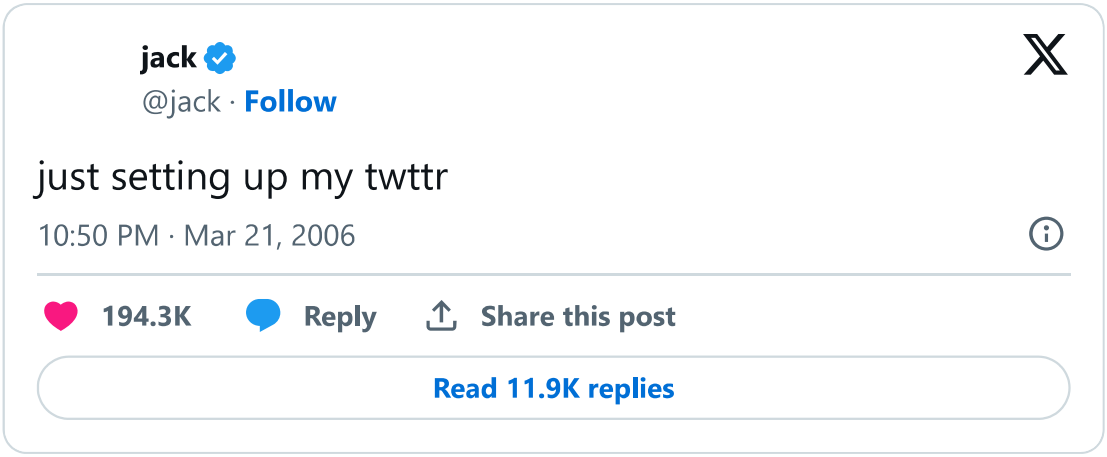
Just setting up my twttr



When texting or tweeting, it's not uncommon to shorten words to save time or space, as by omitting vowels, much like Twitter was originally called *twttr*. In a file called `twttr.py`, implement a program that prompts the user for a `str` of text and then outputs that same text but with all vowels (A, E, I, O, and U) omitted, whether inputted in uppercase or lowercase.

▼ Hints

- Recall that a `str` comes with quite a few methods, per docs.python.org/3/library/stdtypes.html#string-methods (https://docs.python.org/3/library/stdtypes.html#string-methods).
- Much like a `list`, a `str` is "iterable," which means you can iterate over each of its characters in a loop. For instance, if `s` is a `str`, you could print each of its characters, one at a time, with code like:

```
for c in s:
```

```
    print(c, end="")
```

Demo

Recorded with asciinema

Before You Begin

Log into cs50.dev (https://cs50.dev/), click on your terminal window, and execute `cd` by itself. You should find that your terminal window's prompt resembles the below:

```
$
```

Next execute

```
mkdir twttr
```

to make a folder called `twttr` in your codespace.

Then execute

```
cd twttr
```

to change directories into that folder. You should now see your terminal prompt as `twttr/ $`. You can now execute

```
code twttr.py
```

to make a file called `twttr.py` where you'll write your program.

How to Test

Here's how to test your code manually:

- Run your program with `python twttr.py`. Type `Twitter` and press Enter. Your program should output:

  ```
  Twttr
  ```

- Run your program with `python twttr.py`. Type `What's your name?` and press Enter. Your program should output:

  ```
  Wht's yr nm?
  ```

- Run your program with `python twttr.py`. Type `CS50` and press Enter. Your program should output

  ```
  CS50
  ```

You can execute the below to check your code using `check50`, a program that CS50 will use to test your code when you submit. But be sure to test it yourself as well!

```
check50 cs50/problems/2022/python/twttr
```

Green smilies mean your program has passed a test! Red frownies will indicate your program output something unexpected. Visit the URL that `check50` outputs to see the input `check50` handed to your program, what output it expected, and what output your program actually gave.

How to Submit

In your terminal, execute the below to submit your work.

```
submit50 cs50/problems/2022/python/twttr
```