

CS50's Introduction to Programming with Python

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Felipe's Taqueria

Note that, as of Wednesday, October 25, 2023 at 5:29 PM GMT+5:30
(<https://time.cs50.io/20231025T115900Z>), the prices of Felipe's have been updated!

One of the most popular places to eat in Harvard Square

(https://en.wikipedia.org/wiki/Harvard_Square) is Felipe's Taqueria

(<https://www.felipesboston.com/>), which offers a menu (<https://www.felipesboston.com/menu>) of entrees, per the `dict` below, wherein the value of each key is a price in dollars:



```
{  
    "Baja Taco": 4.25,  
    "Burrito": 7.50,  
    "Bowl": 8.50,  
    "Nachos": 11.00,  
    "Quesadilla": 8.50,  
    "Super Burrito": 8.50,  
    "Super Quesadilla": 9.50,  
    "Taco": 3.00,  
    "Tortilla Salad": 8.00  
}
```

In a file called `taqueria.py`, implement a program that enables a user to place an order, prompting them for items, one per line, until the user inputs control-d (which is a common way of ending one's input to a program). After each inputted item, display the total cost of all items inputted thus far, prefixed with a dollar sign (\$) and formatted to two decimal places. Treat the user's input case insensitively. Ignore any input that isn't an item. Assume that every item on the menu will be titlecased (<https://docs.python.org/3/library/stdtypes.html#str.title>).

► Hints

Demo



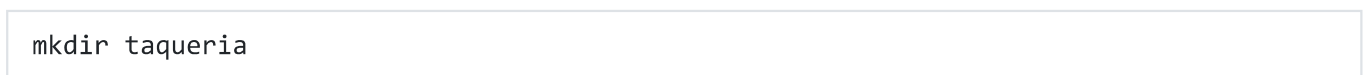
Recorded with **asciinema**

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



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

Then execute

```
cd taqueria
```

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

```
code taqueria.py
```

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

How to Test

Here's how to test your code manually:

- Run your program with `python taqueria.py`. Type `Taco` and press Enter, then type `Taco` again and press Enter. Your program should output:

```
Total: $6.00
```

and continue prompting the user until they input control-d.

- Run your program with `python taqueria.py`. Type `Baja Taco` and press Enter, then type `Tortilla Salad` and press enter. Your program should output:

```
Total: $12.25
```

and continue prompting the user until they input control-d.

- Run your program with `python taqueria.py`. Type `Burger` and press Enter. Your program should reprompt the user.

Be sure to try other foods and vary the casing of your input. Your program should behave as expected, case-insensitively.

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/taqueria
```

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/taqueria
```