Python Lab 1.2: Using Build-in Functions

In `lab1_2.py` in the text editor at top-right, write a few python commands to:

1. ask the user to type their name and store it in a variable
2. display the length of the name
3. convert the name in upper case letters
4. display the lowest character in alphabetical order in the name

{% spoiler "Hint 1" %}

- the built-in function to count the characters in a string is: `len()`
- the built-in function to find the smallest/lowest character in alphabetical order is `min()` {% endspoiler %}

{% next %} Keep in mind that the sample solution is not the only solution. There are different ways to reach to the same result...

And here is the Solution...

{% spoiler "Sample Solution" %}

```
name = input("What is your name?")
print(len(name))
name = name.upper()
print(min(name))
```

{% endspoiler %}

Execute your program

Remember in order to execute your code, you type in the terminal:

```
python lab1_2.py
```

Make sure that the output is correct. For `John` it should display `4`, and the lowest letter is `H` (in uppercase)

{% next %}

Check Your Code

Execute the below to evaluate the correctness of your code using `check50`, but be sure to test it yourself before that...

```
check50 mkotsovoulou/ods6001a/main/labs/lab1_2
```

Execute the below to evaluate the style of your code using `style50`.

```
style50 lab1_2.py
```

{% next %}

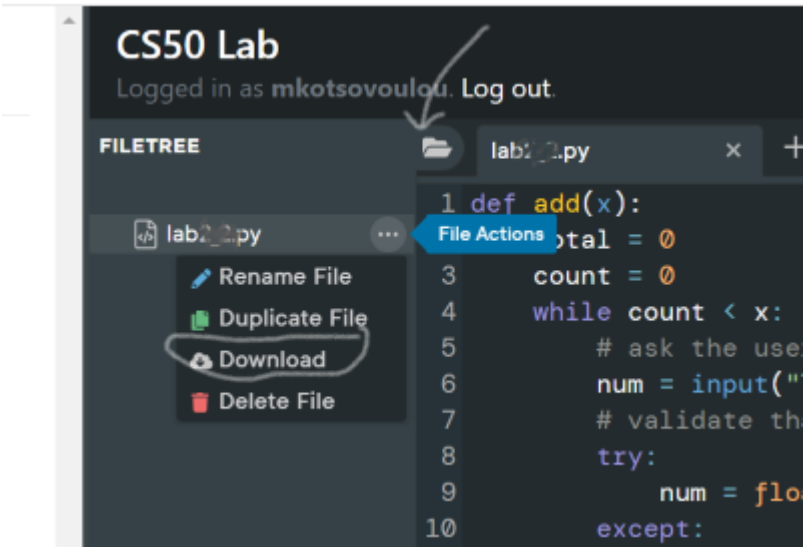
Submit your code

Execute the command below, logging in with your `GitHub username` and `Personal Access Token` when prompted. For security, you'll see asterisks (`*`) instead of the actual characters in your token.

If you do not have generated a Personal Access ToKen follow the instructions: https://docs.github.com/en/authentication/keeping-your-account-and-data-secure/creating-a-personal-access-token

```
submit50 mkotsovoulou/ods6001a/main/labs/lab1_2
```

You can re-submit your solution as many times as you want. When you are happy with your solution, download the code and upload it to Canvas.



Done!

🎉