Intro to Python Modules

Overview

In this project, you'll learn how to:

- create a Python module
- call functions in your script that are stored in your module

Check out these resources!

- About Python modules
- *Python Crash Course*, pp. 150 - 154 (*Storing Your Functions in Modules*)

Directions

- Create two Python files -- one for your module, the other for your script

*Save your module as **myfunctions.py***

*Save your script as **areacalcs.py***

- Use an **import** statement to link your module to your **areacalcs.py** script

- In your module, write functions to calculate the area of any THREE of the following shapes:

    - circle
    - square
    - rectangle
    - right triangle
    - parallelogram
    - (calculate the SURFACE AREA of a) cylinder

- HINT: You can probably find the formulas you need online!

- Use f-strings to generate your output strings

- Include the dimensions of the shape (height, width, length of radius, etc.) and the area of the shape in each output string

- In your **areacalcs.py** script, call each function and pass (send) the necessary arguments to your functions