

Python Interactive Bootcamp Practice Task 1

Task Title: "Getting to Know Python"

Objective:

Familiarize yourself with Python, PyCharm, and Jupyter Notebook by completing some basic tasks.

Requirements:

- Install Python, PyCharm, and Jupyter Notebook on your computer, following the instructions provided in class.
- Open PyCharm and create a new Python project with a blank Python file (.py).
- Open Jupyter Notebook and create a new notebook.

In the PyCharm Python file, write a simple Python program that does the following:

- Prints "Hello, Python!" to the console.
- Defines a variable name and assigns your name to it, then prints "Hello, [your name]!" to the console.
- Performs a basic arithmetic operation (e.g., addition) and prints the result.

In the Jupyter Notebook, create a new code cell and write Python code to:

- Calculate the square of a number (e.g., 5) and display the result.
- Create a list of your favorite fruits and print the list.
- Write a short sentence or two about what you hope to learn in your Python journey.

Save your work in both PyCharm and Jupyter Notebook.

Hints:

- Use Python's `print()` function to display text and results.
- Use variables to store data, and you can perform calculations with them.
- In Jupyter Notebook, use Markdown cells for text and Code cells for Python code.
- Refer to your class notes or online resources for basic Python syntax.