How Does That Work?

IDEs and PyCharm

IDE – Integrated Development Environment

- A software application that helps you develop code efficiently

- For a plain Python executable file, you could use a text editor (such as notepad), but an IDE will include highlighting rules for the language syntax, can help you debug errors, and help refactor/complete your code.
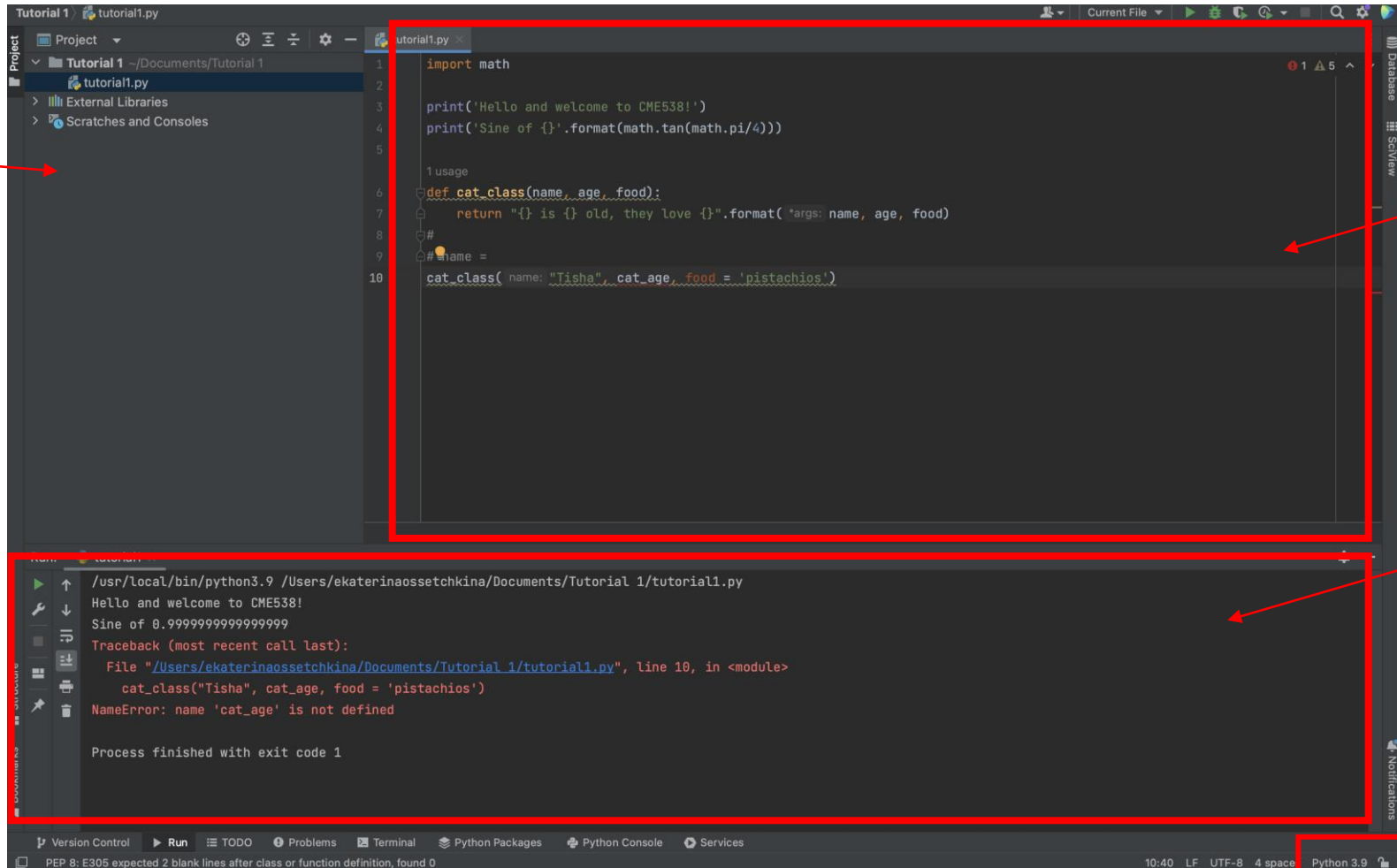
- Some IDEs we know:

PyCharm

- Community edition – is free, but will give you read-only to notebooks (.ipynb)! But will work properly with Python (.py) extension files

- Can get Professional PyCharm with UofT email – need to get form approved (or a 30 day trial without this)

  - Apply for the student license to get PyCharm here (Apply Now): https://www.jetbrains.com/community/education/#students

- Download from JetBrains: https://www.jetbrains.com/pycharm/

The Anatomy of a Python File (.py)

File explorer

Your code!

Console (run results)

Python version (or virtual environment*)

APS106

University of Toronto

Demo.