

Lab 7

CST 205

Today we talked about object-oriented programming in Python. We have been using the Pillow library to deal with images. As we've seen, Pillow has an `Image` class. We can use what we learned today to explore the `Image` class (Tasks 1 – 3).

Task 1

Go to [the source](#) for Pillow's `Image` class and identify the line number which begins the class definition. Provide this number in a comment in a file called `Lab7.py`.

Task 2

Locate and provide the `docstring` of the `Image` class in a comment in `Lab7.py`.

Task 3

Create a Pillow `Image` object from an image file of your choosing. Use `dir()` on this object to see its attributes. Pick an attribute that we have not covered in lecture. (Also, do not choose an attribute with any preceding single or double underscore.) Look up this attribute in the [online documentation](#) and provide a brief description in your own words as a comment in `Lab7.py`.

Task 4

Write a class definition in Python to model a song. A song should have an artist, genre, length (in seconds), and album. Create a few objects of type `Song`.

Deliverable

Submit `Lab7.py`.