Download

Downloading Ren'py is easy, as it comes with its own Python3.0 interpreter. Go to https://www.renpy.org/ and click on the "Download Ren'py 8.3.7" button and select one of the options. I've used the Download SDK 7z.exe executable file (on Windows) and the SDK dmg (on Mac, after copying the files to a local directory). Once you get started, you make get prompted to allow downloads of other addons for Ren'Py

Creating a Project

Run the .exe file, which will create a directory with Ren'py in it. Then run the renpy.exe file (on Windows) or the renpy Application (on a Mac), which will open up the Ren'py launcher. Ren'py comes with its own tutorial and small sample game, and the launcher is a convenient place to create new projects and set up your development environment.

Here are instructions to set up your first project.

1. Click on the "+Create New Project" option in the left menu.
   a. Choose a directory to put your ren'py project.
   b. Select a project name.
   c. Select a resolution. For the images used in this class, select the 1280x720 resolution size.
   d. Choose an accent, background color, and display size.
2. Set up your images.
   a. Download the images into a local directory.
   b. In the Open Directory menu, open the images directory.
   c. Copy the images into that directory.
3. Set up an editor
   a. In the Edit File menu, select script.py.
   b. Select an editor. I've found Atom (on Windows) or the System Editor (on a Mac) to be easiest to install. You can also use PyCharm to edit files, outside of the Ren'Py launcher.

Assets used by script in Class notes

After cloning the python-usaco repository (https://github.com/Einsteins-Workshop/python-usaco), place the files in the renpy/sample_images directory in your project's images directory, the renpy/sample_audio files to your project's audio directory, and the other files in your main project directory

Renpy games

The following are games written in Renpy. Their renpy scripts and assets are exposed for you to play with and pick apart.

King of the Cul-de-sac is available for free download at https://vimislikart.itch.io/kingoftheculdesac.

SC2VN is available for free from Steam at https://store.steampowered.com/app/404480/SC2VN__The_eSports_Visual_Novel/