

The Ultimate Introduction to Pygame – YouTube Tutorial Due Date Break Down

Main Link: https://youtu.be/AY9MnQ4x3zk?si=rc1zO2jOXDicCm_-

Create a new folder in GitHub named **08_ultimateIntroPygame**.

Create the Python files as directed by the video.

Due By Wednesday, Jan. 31st:

- Introduction: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=0s>
- How Games Work: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=66s>
- What Pygame Does: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=306s>
- Creating a Window + Clock: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=488s>
- Displaying Images with Surfaces: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=1327s>

Due by Friday, February 2nd:

- Basic Animations: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=2542s>
- Rectangles: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=3088s>
- Collisions with Rectangles + Mouse Usage:
<https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=3827s>
- Drawing with Rectangles + Colors: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=4538s>

Due by Tuesday, February 6th:

- Player Character: Keyboard Input: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=5375s>
- Player Character: Jumping & Gravity:
<https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=5758s>
- Player Character: Creating a Floor: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=6263s>
- Creating Different Game States: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=6497s>
- Displaying the Score + Measuring Time:
<https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=6963s>

Due by Thursday, February 08:

- Transforming Surfaces: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=7575s>
- Better Enemy Spawn Logic: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=8630s>
- Animating Player, Snail, and Fly: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=10173s>

Due by Monday, February 12th:

- Using the Sprite Class: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=11341s>
- Adding Music: <https://www.youtube.com/watch?v=AY9MnQ4x3zk&t=13377s>