

Week 6 Progress Report: Next Piece Preview UI

- Dates: 10/20 - 10/26

Week 6 Goals:

- ✓ Create preview display area in the renderer
- ✓ Design and position the preview area consistently
- ✓ Write initial unit tests for preview display

- LoC

- Source code:
 - `app.py` : 2
 - `src/game/game.py` : 2
 - `src/view/pygame_renderer.py` : 33
 - `src/constants.py` : 3

Summary of changes under src/

- Files changed:
 - app.py
 - src/game/game.py
 - src/view/pygame_renderer.py
 - src/constants.py
 - tests/test_next_piece_preview.py

Major Changes

1. `app.py` & `game.py`

- Changes
 - Implemented next piece preview feature: Changed app and game files to use and render the next piece preview feature

2. `pygame_renderer.py`

- Changes
 - Added `draw_next_piece_preview()` method: Added a method to draw the box to display the next piece preview and the text that says "Next Piece"
 - Added `draw_next_piece()` method: Added method to draw the next piece inside of the next piece preview box on the right of the screen. Uses very similar logic to the `draw_piece` method except places the piece inside of the next piece preview box.