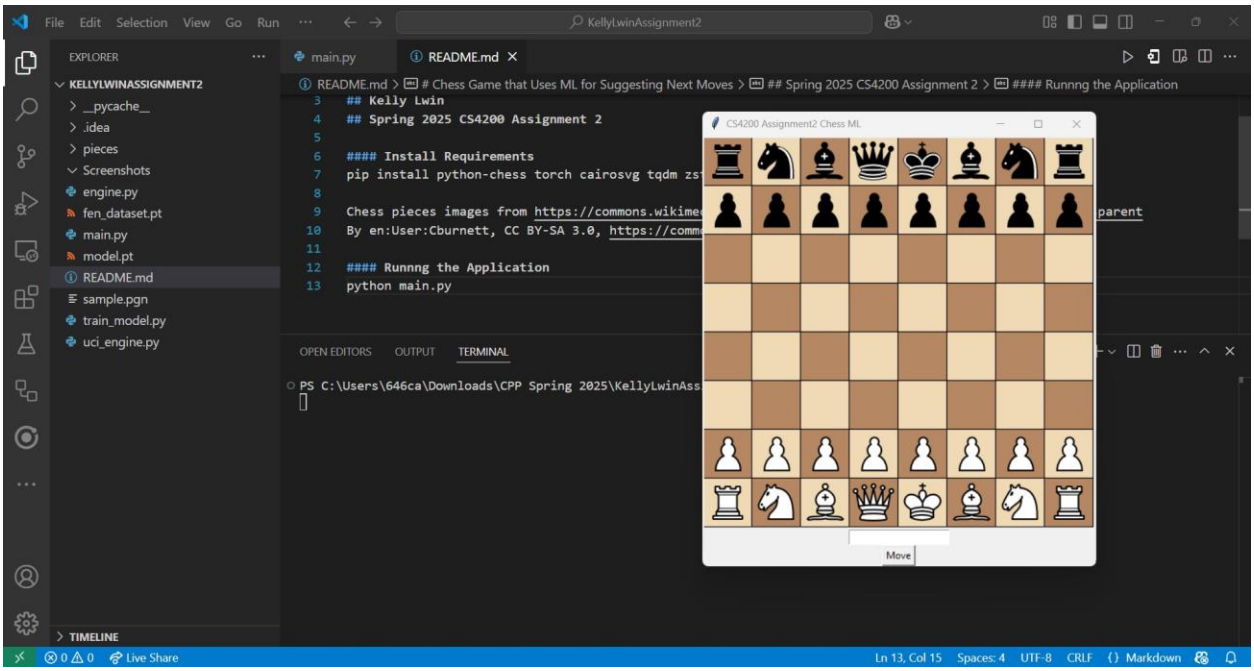
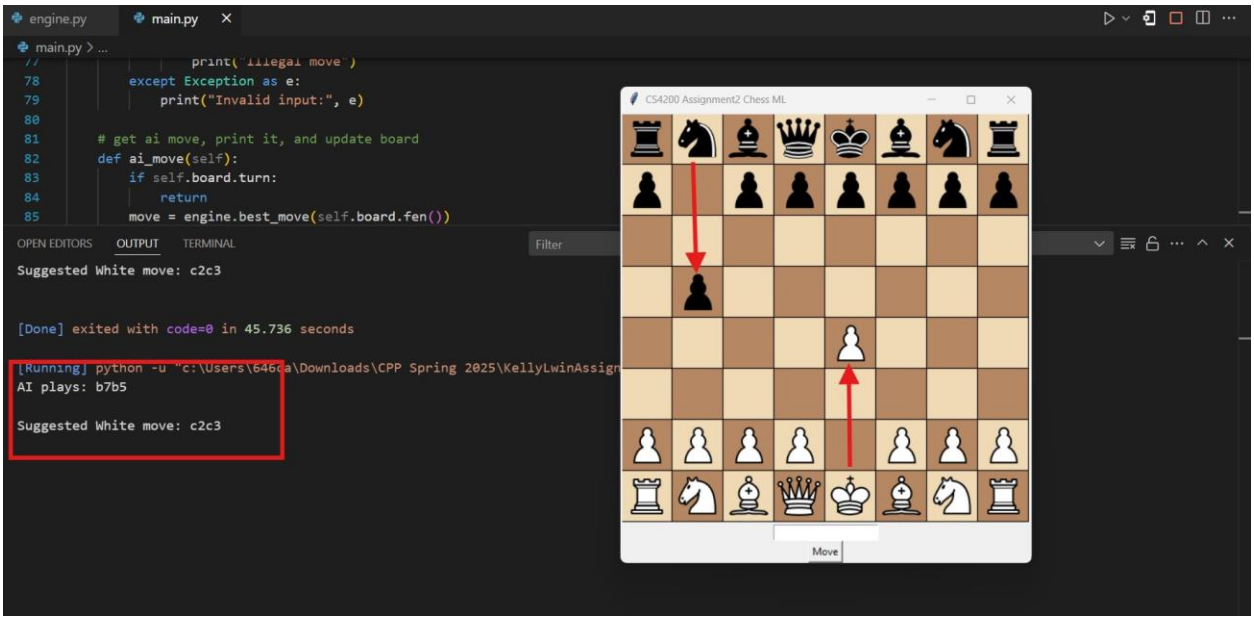
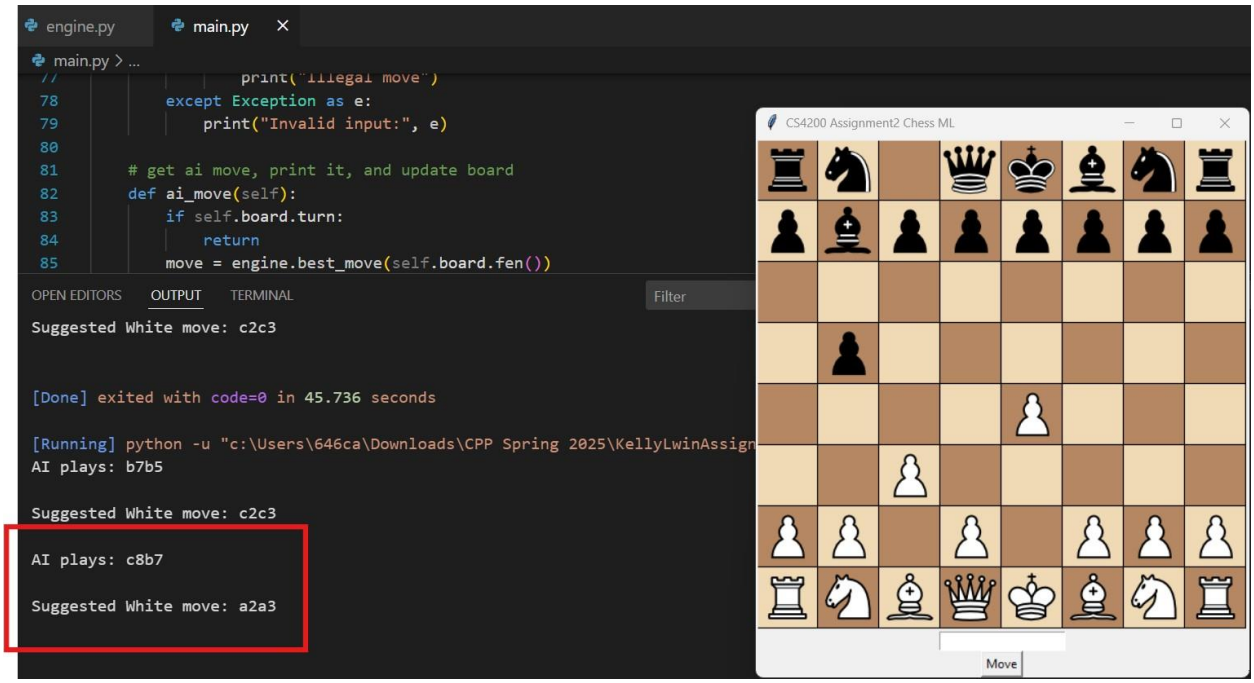
Program Screenshots


File Edit Selection View Go Run
KellyLwinAssignment2
EXPLORER
KELLYLWINASSIGNMENT2
pycache
.idea
pieces
Screenshots
engine.py
fen_dataset.pt
main.py
model.pt
README.md
sample.pgn
train_model.py
uci_engine.py
main.py
README.md
README.md > # Chess Game that Uses ML for Suggesting Next Moves > ## Spring 2025 CS4200 Assignment 2 > #### Runnng the Application
Kelly Lwin
Spring 2025 CS4200 Assignment 2
Install Requirements
pip install python-chess torch cairosvg tqdm zs
Chess pieces images from https://commons.wikime
By en:User:Cburnett, CC BY-SA 3.0, https://comm
Runnng the Application
python main.py
parent
OPEN EDITORS OUTPUT TERMINAL
PS C:\Users\646ca\Downloads\CPP Spring 2025\KellyLwinAss
CS4200 Assignment2 Chess ML
Move
TIMELINE
Live Share
Ln 13, Col 15 Spaces: 4 UTF-8 CRLF Markdown


engine.py
main.py
main.py > ...
print("Illegal move")
except Exception as e:
print("Invalid input:", e)
# get ai move, print it, and update board
def ai_move(self):
if self.board.turn:
return
move = engine.best_move(self.board.fen())
OPEN EDITORS OUTPUT TERMINAL
Filter
Suggested White move: c2c3
[Done] exited with code=0 in 45.736 seconds
[Running] python -u "c:\Users\646ca\Downloads\CPP Spring 2025\KellyLwinAssign
AI plays: b7b5
Suggested White move: c2c3
CS4200 Assignment2 Chess ML
Move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OPEN EDITORS
OUTPUT
TERMINAL
Filter
Suggested White move: c2c3
[Done] exited with code=0 in 45.736 seconds
[Running] python -u "c:\Users\646ca\Downloads\CPP Spring 2025\KellyLwinAssign
AI plays: b7b5
Suggested White move: c2c3
AI plays: c8b7
Suggested White move: a2a3
CS4200 Assignment2 Chess ML
Move