**Python Week 4 Assignment**

# File Read & Write Challenge with Error Handling

def modify\_file():

# Ask user for filename

filename = input("Enter the filename to read: ")

try:

# Try opening the file for reading

with open(filename, "r") as file:

content = file.read()

# Modify the content (example: convert to uppercase)

modified\_content = content.upper()

# Create a new file to store the modified version

new\_filename = "modified\_" + filename

with open(new\_filename, "w") as new\_file:

new\_file.write(modified\_content)

print(f"Modified file has been saved as '{new\_filename}'")

except FileNotFoundError:

print("Error: The file does not exist. Please check the filename.")

except PermissionError:

print("Error: You do not have permission to read this file.")

except Exception as e:

print(f"An unexpected error occurred: {e}")

# Run the program

modify\_file()