1. file\_read\_write.py

This program reads from 'input.txt' and writes a modified version to 'output.txt'

Open the input file in read mode

with open("input.txt", "r") as infile:

content = infile.read()

Modify content (example: convert to uppercase)

modified\_content = content.upper()

Write the modified content to a new file

with open("output.txt", "w") as outfile:

outfile.write(modified\_content)

print("File has been read and modified successfully! Check output.txt")

except FileNotFoundError:

print("Error: input.txt not found. Please create it and add some text.")

1. error\_handling\_lab.py

Ask the user for a filename and handle errors

filename = input("Enter the filename: ")

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

print("File content:")

print(f.read())

except FileNotFoundError:

print("Error: The file does not exist.")

except PermissionError:

print("Error: You don’t have permission to read this file.")

except Exception as e:

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