def reverse\_string(s):

reversed\_str = ""

for i in range(len(s) - 1, -1, -1):

reversed\_str += s[i]

return reversed\_str

def main():

input\_string = "Hello, world!"

reversed\_string = reverse\_string(input\_string)

print(f"Reversed string: {reversed\_string}")

if \_\_name\_\_ == "\_\_main\_\_":

main()

# I changed the variables name from “reversed” to reversed\_str” to avoid conflicts with the built-in function name

Output: Reversed string: !dlrow ,olleH

def get\_age():

age = input("Please enter your age: ")

if age.isnumeric() and int(age) >= 18:

return int(age)

else:

return None

def main():

age = get\_age()

if age is not None: # Check for None explicitly

print(f"You are {age} years old and eligible.")

else:

print("Invalid input. You must be at least 18 years old.")

if \_\_name\_\_ == "\_\_main\_\_":

main()

Output: Please enter your age: 18

You are 18 years old and eligible.

def read\_and\_write\_file(filename):

try:

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

content = file.read()

with open(filename, 'a') as file: # Use 'a' mode to append, not 'w'

file.write(content.upper())

print(f"File '{filename}' processed successfully.")

except Exception as e:

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

def main():

filename = "sample.txt"

read\_and\_write\_file(filename)

if \_\_name\_\_ == "\_\_main\_\_":

main()

output: File sample.txt processed successfully.