# Prompt the user to enter a string

user\_string = input("Enter a string: ")

**# Capitalize**

capitalized\_string = user\_string.capitalize()

print(f"Capitalized String: {capitalized\_string}")

**# Center**

width = int(input("Enter the width to center the string: "))

centered\_string = user\_string.center(width)

print(f"Centered String: '{centered\_string}'")

**# Ends with**

suffix = input("Enter a suffix to check if the string ends with it: ")

ends\_with = user\_string.endswith(suffix)

print(f"Does the string end with '{suffix}'? {ends\_with}")

**# Find**

substring = input("Enter a substring to find in the string: ")

substring\_index = user\_string.find(substring)

if substring\_index != -1:

print(f"Substring '{substring}' found at index {substring\_index}")

else:

print(f"Substring '{substring}' not found")

**# Left strip**

lstripped\_string = user\_string.lstrip()

print(f"Left-stripped String: '{lstripped\_string}'")

**# Right strip**

rstripped\_string = user\_string.rstrip()

print(f"Right-stripped String: '{rstripped\_string}'")

**# Replace**

old = input("Enter the substring to replace: ")

new = input("Enter the new substring: ")

replaced\_string = user\_string.replace(old, new)

print(f"String after replacement: '{replaced\_string}'")

**# Lower case**

lower\_case\_string = user\_string.lower()

print(f"Lower Case: {lower\_case\_string}")

**# Upper case**

upper\_case\_string = user\_string.upper()

print(f"Upper Case: {upper\_case\_string}")

**# Run the string operations function**

string\_operations()