Benjamin Harrison

Lesson 10 -11/26/2024

Scource code:

def main():

    print("welcome to the string search and replace application!")

    mainString = get\_input("Enter the string to be searched: ")

    searchString = get\_input("Enter the string to search for: ")

    index = find\_index(mainString, searchString)

    if index != -1:

        print(replaceString(mainString, searchString))

    print("Thanks for using my code! Completed by Benjamin Harrison")

def get\_input(prompt):

    return input(prompt)

def find\_index(mainString, searchString):

    index = mainString.find(searchString)

    if index != -1:

        print(f"The string of '{searchString}' was found starting at index: {index}!")

    else:

        print(f"The string of '{searchString}' was not found")

    return index

def replaceString(mainString, searchString):

    choice = input("would you like to replace the string enter (y/n): ").lower()

    while choice != "y" and choice != "n":

        choice = input("Invalid Input! Would you like to replace the string enter (y/n): ").lower()

    if choice == "n":

        return "No replacement was made!"

    replacement = input("Enter the string you want to replace with: ")

    return f"The new string is: {mainString.replace(searchString, replacement)}"

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

    main()

Screenshot of code

A screenshot of a computer program

Description automatically generated

screenshot of terminal

A screenshot of a computer error

Description automatically generated

A screenshot of a computer screen

Description automatically generated