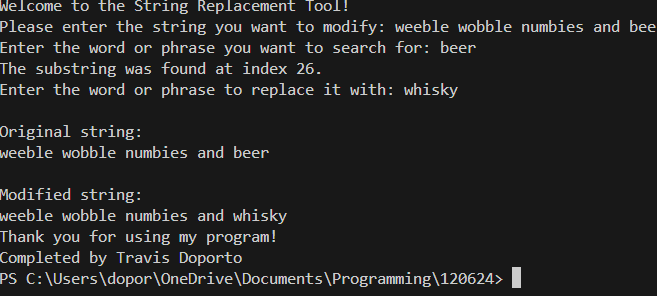
ITSE 1302

Travis Doporto



def get\_string():

    user\_input = input("Enter the string to search through: ")

    return user\_input

def find\_substring(main\_string, sub\_string):

    index = main\_string.find(sub\_string)

    if index != -1:

        print(f"The substring was found at index {index}.")

    else:

        print("The substring was not found.")

    return index

def userChoice():

    while True:

        choice = input(f"Do you want to replace this substring (y/n)?" ).strip().lower

        if choice == "y":

            return modified\_string

        elif choice == "n":

            break

        else:

            print("Invalid input. Please enter (y/n).")

def completedBy():

    print("Completed by Travis Doporto")

def thanks():

    print("Thank you for using my program!")

def main():

    print("Welcome to the String Replacement Tool!")

    main\_string = input("Please enter the string you want to modify: ")

    sub\_string = input("Enter the word or phrase you want to search for: ")

    index = find\_substring(main\_string, sub\_string)

    if index != -1:

        replacement = input("Enter the word or phrase to replace it with: ")

        modified\_string = main\_string.replace(sub\_string, replacement)

        print("\nOriginal string:")

        print(main\_string)

        print("\nModified string:")

        print(modified\_string)

    else:

        print("\nNo replacement was made as the substring was not found.")

    thanks()

    completedBy()

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

    main()