Lesson 10 Assignment – Alyssa Doughty

def obtainString():

searchString = input("Enter the string to search through: ")

return searchString

def determine(searchString, searchFor):

start\_index = searchString.find(searchFor)

if start\_index == -1:

print("String not found.")

return -1

else:

print(searchFor, " was found in the main string at index ", start\_index)

return start\_index

def acceptable(searchFor, searchString):

acceptAnswer = input(f"Do you want to replace {searchFor} with something else (y/n)")

if acceptAnswer != "n" or acceptAnswer != "y":

print("Invalid Entry!")

acceptAnswer = input(f"Do you want to replace {searchFor} with something else (y/n)")

if acceptAnswer == "n":

print("No replacement was made.")

else:

replaceString = input("Enter the replacement string: ")

searchString = searchString.replace(searchFor, replaceString)

print("New String: ", searchString)

def main():

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

print("-----------------------------------------")

searchString = obtainString()

searchFor = input("Enter string to search for: ")

print()

print("Searching for substring within the main string content, please wait!")

print("---------------------------------------------------------------------")

start\_index = determine(searchString, searchFor)

print()

print("Initiating the string replacement process!")

print("---------------------------------------------")

if start\_index != -1:

acceptable(searchFor, searchString)

print()

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

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

main()

print("Completed by: Alyssa Doughty")

