def main():

    print("Welcome to the String Replacement Tool" + "\n" + "-"\*40)

    mainString = user\_string("Enter the string to search through: ")

    searchString = user\_string("Enter the string to search for: ")

    print(mainString)

    print(searchString)

    index = find\_string(mainString,searchString)

    if index != -1:

       replace\_string(mainString,searchString)

def user\_string(prompt):

    return input(prompt)

def find\_string(mainString, searchString):

 index = mainString.find(searchString)

 if index != -1:

    print(f"It starts at {index}")

 else:

    print("Not found in Index")

 return index

def replace\_string(mainString,searchString):

   print("\nStarting string replacement process.....", '\n' + '-'\*40)

   while (choice := user\_string("Do you want to replace the string? (y/n): ").lower()) not in ('y','n'):

      print ("Invalid choice. Please enter 'y' or 'n'")

   if choice ==  "y":

      replacement = user\_string("Input replacement string: ")

      mainString = mainString.replace(searchString,replacement)

      print(f"New String:{mainString}")

   else:

      print("No replacement string made")

def codedby():

    print("Completed by Andrew Jones")

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

   main()

   codedby()

print("Thank you for using our Program")

A computer screen shot of a black screen

Description automatically generated