def String\_Input():

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

     search\_term = input("Enter a string to search for: ")

     print("\nsearching for substring, please wait!")

     print("="\*40)

     index = user\_input.find(search\_term)

     print("your substring was found at index", index)

     print("\nStarting the substring replacement process!")

     print("="\*40)

     replace = input("\nDo you wish to replace your string? y/n: ")

     if replace == "y":

         replace\_string = input ("Enter your replacement string:")

         new\_string = user\_input.replace(search\_term, replace\_string)

         print("New String:", new\_string)

     elif replace == "n":

          print("thank you for using our program")

     else:

          print("invalid entry please enter y for yes or n for no")

def main():

    print("Welcome to the String Replacement tool")

    print("="\*40)

    user\_input = String\_Input()

    print("\nCompleted by Colton Carter!")

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

     main()

A black screen with white text

Description automatically generatedA screenshot of a computer program

Description automatically generated