

lab 8 Siddhartha

data = input("Enter string")

count = 0

```

if buffer.check_state():
    for i in range(0, len(data)):
        if i < client_route:
            client_data.append(data[i])
        else:

```

```

            if count < buffer_size:
                buffer.append(data[i])
                count = len(buffer)
            else:

```

```

                print("Data loss")

```

```

else:

```

```

    j = 0

```

```

    for i in range(0, len(data) + len(buffer)):

```

```

        if i < client_route:
            data =

```

```

            if len(buffer)

```

```

                client_data.append(buffer[j])

```

```

                del buffer[0]

```

```

            else:

```

```

                data.append(data[j])
                j++

```

```

            else:

```

```

                if len(buffer) <= buffer_size:

```

```

                    if j < len(data):

```

```

                        buffer.append(data[j])

```

```

                        j++ = 1

```

```

                    else:

```

```

                        if j < len(data):

```

```

                            print("data loss")

```

```

                            j++ = 1

```

```

    print(buffer)

```

```

    print(client)

```