

## CN LAB - Leaky Bucket

while barestate:

data-to-send = input("Enter String")

count = 0

if buffer-checkstate():

for i in range(0, len(data-to-send)):

if i < client-rate:

client.data.append(data-to-send[i])

else

if count < buffer.buffer-size:

buffer.buffer.append(data-to-send[i])

count = len(buffer.buffer)

else:

print("Data loss" + data-to-send[i])

else:

j = 0

for i in range(0, len(data-to-send) \* len(buffer.buffer)):

if i < client-rate:

if len(buffer.buffer)

client.data.append(buffer.buffer[0])

del buffer.buffer[0]

else:

client.data.append(data-to-send[i])

j += 1

else

if j < len(data-to-send):

print("Data loss" + data-to-send[i])

j += 1