

17/12/20

CN LAB WRITEUP

Leaky Bucket Congestion Control

Algo(size, input, output):

buffer = 0

for pkt in input:

$\lambda = \text{size} - \text{buffer}$

if $\text{pkt} \leq \lambda$:

buffer += pkt

print(f"{output}, {buffer}")

else:

print(f"Packet loss: {pkt - λ }")

buffer = size

print(f"{ 'Buffer' }")

buffer -= output

while buffer:

sent = if output < buffer else buffer

buffer -= sent

print(f"{ 'Buffer' }")