14/12/2020 Arjun A.S Lab 9 Monday 1BM18CSO19 White a program for congestion control wing Looky bucket algorithm Bedong to I be a Rite of the transfer class LeakyBurket: def -- init -- ( lef, bucket-lize, output rate, packets): sef. bucket-lize = bucket-lize self. output-rate = output-rate suy. packets = packets dy algorith (self); for i in range (lin (set packets)): pount ( Packet & i }, size = { packets [i] ] }") if packets[i] > bucket-size: pount ( Bucket overflow.") while ( packets [i] < output rate ): pount ( packets[i], "Outputted") packets[i] -= output- rate if packels[i]: pount flast (packets[i]) bytes sent. ) point ('Bucket Output Successfull.') dy main (): bucket - lize = ent (input ('Enter Bucket Lize: '))

-1-

Jun al. 8

sagiun 91.

output-rate = int (input ("Enter Output Rate"))

backets = list (map (int, input ("Enter packets"). &plit())

Lb = Leaky Bucket (bucket-lize, output-vale, packets)

lb. algorith ()

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

main ()

the said the

The second second second second

The state of the s

ON THE