Program 15

Write a program for congestion control using Leaky bucket algorithm.

Code and Output:

About a program for congress control Warreng Leafy Prulet algorithm It Sould (statio is) It Sould (statio is) It negled (under is) Port rand (940) { York marn() { York marn() { Port prulet syfnor Pacifics): dl, b= Spy, o= rad, p-symmon, p-symmon, p-sm, p-sm, op', for (9-0, 9- Nor Pacifics): p++) pochet syll : randon() = 1000; Por (1-0) ? Nor Pacifics; p++) pring ("In pacht [1-10] ! d bytes it", p, pacht sylin pring ("In pacht [1-10] ! d bytes it", p, pacht sylin pring ("In pacht [1-10] ! d bytes it", p, pacht sylin pring ("In pacht [1-10] ! d bytes it", p, pacht sylin pring ("In pacht [1-10] ! d bytes it", p, pacht sylin pring ("In pacht [1-10] ! d bytes it", p, pacht sylin pring ("In pacht [1-10] ! d bytes it", p, pacht sylin pring ("In pacht [1-10] ! d bytes it") yand ("In pacht [1-10] ! d bytes it") yand ("In pacht [1-10] ! d bytes it") yand ("In pacht [1-10] ! d bytes it") grad (un brill (again)	Code and Ou	ւրսւ.
THE Soulde (Stope N) HE Soulde (Stope N) HE Soulde (Stope N) HE Replace (Unison h) HE depre NOF PACKETS S Port rand (90+6) { Port mash of E Port packet sy [NOF PACKETS]: dl, b=spg, 0=sad, p-sy, nmzo, p=sy, p-thre, op', for (9=0', 9 NOF PACKETS; 9++) pocket, sy (D) = handom(100) for (1=0' 9 NOF PACKETS; 9++) point ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+", 9, packet sy in posint ("In packt [1-0] 1 d bytes 1+",		
Port magno (Port pachet sy [NOF PACIFIETS S Port magno (Port pachet sy [NOF PACIFIETS): dl, b=sig, 0=red, p-sy pmzo, 0=ry, 0-line, op', for (?=0; PC NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; for (!=0' ?C NOF PACIFIETS; ?++) pachet sy (P)= handom(10/2000; pochet sy (P)= handom(10/2000; pochet sy (P)= handom(10/2	14	Using Leafy Buchet algorithm
Port rand (9nt a) { Port rand	3	# Proclude (Stolio h)
Pot 201 (946) { Pot 20 = (200000000000000000000000000000000	8	F Philade Cunidou hy
Pot main() { Pot packet_sy[NoF_PAcifics]: dl, b=siz, o=sad, p-sy, smzo, o=sy, o-time op', for (?=0; r= NoF_Pacifis; 9++) packet_sy(Y)= random(10/0100', for (!=0', Pe NoF-PACIfis; P++) print("In pacht[.1.a) 1.d bytes \t', ?, packet sy(i) print("In Entir He output ratio"; san ("olod", & a-ratio; print("Entir He Butut spz:") can ("olod", & h size);		Pot rand (9nt a) {
PAT packet_sy [NOF_PACILIETS]: dl, b=slg, 0=sad, p-sy, sm=0, P=sy, P-lone, op', for (P=0; P2 NOF_PACILIETS; P++) packet_sy (P)= shandom(10/0100; for (P=0) P2 NOF-PACILIETS; P++) print ("In packet [1/a) 1 d bytes 1+", P, packet sy in print ("In Enter the output ratio"; scan ("0/od", & a-ratio; print ("Enter the Butut spz:"); can ("u/od" & h six);		
PAT packet_sy [NOF_PACILIETS]: dl, b=sig, 0=sad, p-sy, sm=0, P=sy, P-time, op', for (P=0; PZ NOF_PACILIETS; P++) packet_sy (P)= shandom(10/0100; for (P=0) PZ NOF-PACILIETS; P++) print ("In packet [1/a) 1 d bytes 1+", P, packet sy in print ("In Enter the output ratio"); scan ("0/od", & a-ratio) print ("Enter the Buthet stree"); cand ("0/od", & h size);		The Wall of the work where we had
p-sy. Am=0, P=sy, P-time op', for (P=0; P< NOF PACKETS; P++) pachet sy (P)= handom(10/0100; for (P=0) P< NoF-PACKETS; P++) print ("In pacht [1/0] 1d bytes 1+", P, pachet sy in paint ("In Entir He output ratio"; scant ("0/00", & a- natio; pant ("Ent. he Butut spz:"); (cond ("4/00", & h Sid))	Y	Pot maso E
p-sy. Am=0, P=sy, P-time op', for (P=0; P< NOF PACKETS; P++) pachet sy (P)= handom(10/0100; for (P=0) P< NoF-PACKETS; P++) print ("In pacht [1/0] 1d bytes 1+", P, pachet sy in paint ("In Entir He output ratio"; scant ("0/00", & a- natio; pant ("Ent. he Butut spz:"); (cond ("4/00", & h Sid))		PAT packet-sy [NOF-PACILETS]: dl, b=siz, 0=red
packet sy (P)= handon(100), la (1=0) Pe Nor-PACKETS; P++) print ("In pack [1/d) 1d bytes 1+", P, packet sy in print ("In Enter the output ratio") scart ("0/od", & a-ratio) print ("Enter the Butut spz:") (cand ("4/d) " & h Sid)	1 1 1 1 1 1 1	p-sy-Am=0, P=sy, P-thre, op',
packet sy (P) = grandom(20/0100), In (1=0) PC NOF-PACKETS; Pt+) print ("In pack [1.1.a) 1 d bytees 1t", P, packet sy in print ("In Enter the output ratio") scary ("0/00", & a-gatio") grand ("6/00", & h Size);		109 (170; PC NOF, PACKETS; 9++)
print ("In pacht [:1.a) 1d bytes \t", P, pachet syra print ("In Enter the output ratio") scart ("olod", & a - ratio) print ("Enter the Butut stree") cond ("olod" & b size)		packet syll)= handon(10/0100)
print ("In pacht [:1.a) 1 d byte is 1+", ?, pachet syra print ("In Enter the output rati"); scart ("olod", & a - rati); print ("Enter the Butut stree"); (cond ('wood" & h six));		la l'En PENINETS: 9++)
scanf ("olod", & a-gati), 1997 ("Ents he Butut spze:"); (cond ('alod" & h Six));		print ("In pacht [1.a) 1d bytees It", , packet sylin
1997 ("Ents to Butut spze:")";		con M (" olod", & a gots),
(cont ('410d" & b 500))		sold ("Ext. he But (Pro "))
Jan (9:0; P(NOF, PA(ICE P) 19+7) { PA(Pathet Sy(F) > b siz) PAND [" Incoming pathet sy (old bytes) 46 great oren brutet (apan)		Ca A (Cald" & la sind)
Prophy sylf > b-siz) prod ["Intomy packet sylet byte)" great our brut (apan)		100 (20) P(NOF, PACIETY 19+7) (
grah oran brut (aparts)		Allogithit sulfishing)
geral oran brut (aparts)		pand 1 1 9 nioning packet sy (of d byles) 4
		great or an brill (apan)

else prints "Inn Buchet capauts enceds
d-PACHLIS NESECTIOS") elx point (" \n\n Incomerce pacht sig' punds Sleep(1) (11 Bytes preparent to thousand old" elses paring (" No pouls to horses)