[7] 8 23	
	While a maxim for congestion control
· · () ·	Write a program for congestion control using heaky Bucket algorithm
1 1 1 1 1	Hard day of the Class
	C-code - 7 moved the stands
5.1:	the oil of himself defended to be the
	# include < std10. h>
	() 200 000
	int main()
	4
	int incoming, outgoing, buck-size, n, store=0;
	Print (totes bucket (vice:"):
	sant ("1.d", & buck_size);
	printt ("Enter outroing diag !!)
<u></u>	scant ("1. d" oboutgoing) in it of
	print ("Enter number of inputs:"):
	scanf ("/.d", & outgoing); printt ("Enter number of inputs:"); scanf ("1.d", & n);
	100 : 45
	10 while (n =0) in at househor Ingillian
	100001
	print (" Enter the incoming backet size:");
	regist 1.d" &incomina), Via
	if (incoming <= (buck lize - store))
	application to be stone of the state of the
	store += incoming
	print ("Bucket buffer size 1.d out of 1) \[\begin{align*} \n", store, buck-size); \end{align*}
	1 , Store, buck street, in
-	10000 else har which had been been been been been been been bee
1-	
	most (1) Donard 1d - d - 1 th
	mint ("Dropped 1.d no. of packeteln" incoming - (buck size - store);
	(STORE))



	printf("Bucket buffer size 1/d out "1.d [n", store, buck_size);	of
	"Id In" store, buck size);	0
	store = buck_size.	
	store = store - outgoing; printf(" After outgoing /d packets out of /d in buffer n", store,	
	printel" After outroins 1,d packets	left
	out of '/d in buller o" store,	U
	buck_lize);	
	n ;	
	1	
	Output:	
	r	
	Enter bucket size: 5000	
	Enter outgoing rate: 2000 Enter number of inputs: 2	
	Enter number of inputs: 2	
	Enter the incoming packet size: 3000	
	Bucket buffer ine 3000 out of 5000	
		5000
	in buffer	
	Enter the incoming packet size: 1000	
	Bucket buffer size 2000 out of 5000 After outgoing O packets left out of 5	
	After outgoing O packets left out of 5	000
	in buffer	
	VV	
1		
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		-
		-
	1/2/	