

343	
	lab: week 8 leaky Buket
	Enf à: Write a program por confetion control unig Ceaky Burket Algorithm.
	Priegram:
	in the first of the state of the state of the
	int main () ()
	int capacity = 0, factet = 0, bsize = 0, rate = 0; then an = 'y';
	scant ("fod", & capacity);
	searl ("o) d", 2 rate);
	('y' = = 'y')
6.	puit ("In enter the packet size i");
	scanf ("of od", & packet); if ((bsize + packet) > capaity) (paint) ("In buffer full at me moment");
	eln if ((bsize + parket) <= capacity)
	bsize + = parket;
	bsize -= rate i
	print ("remaining bucket capacity is food", 5size); print (" / n day you wish to keep adding
	Scan (1, 2, 3", 2 ans);
	Y V

Total pet on OUTPUT: Enter the burket size: 500 in 480 et capacity in 475. I the peaket size: 50 d Caparity adding

enter the bucket capacity: 500 enter the leaking rate: 5 enter the packet size: 250 remaining bucket capacity is 245 do you wish to keep adding packets? y/n: y enter the packet size: 240 remaining bucket capacity is 480 do you wish to keep adding packets? y/n: y enter the packet size: 300 ouffer full at the moment remaining bucket capacity is 475 do you wish to keep adding packets? y/n: y enter the packet size: 500

ouffer full at the moment remaining bucket capacity is 470 do you wish to keep adding packets? y/n: y

enter the packet size: 550

ouffer full at the moment remaining bucket capacity is 465 do you wish to keep adding packets? y/n: n

...Program finished with exit code 0 Press ENTER to exit console.