لِ	Page
1.0	LAB-13
	The Live By the Market of the state of the s
	Aim: - WAP for congestion control using
	bucket algorithm congestion control using
	in the plant of the stand
	Enocodure:
	#Include astaio-h>
	# biclude estallibility
	# define capacity 50
	void main C) {
	vit time Limit = 10;
	int abucket Capacity = goutput Pate = 5;
	Law for Commence
40.57	ushèle (time Limit < 20) &
-	Ent new Packet;
	eflecter new packet size:");
-	scarf ["/-d", & new Packet);
	11/01/11/11
	y (newPacket = capacity) & &
	bucket Capacity = bucket Capacity + new Packet; pf ("bucket Capacity coverently: Yel"
	bucket (apacity);
	bucket Capacity = bucket Capacity - output Pate;
	pf ("bucket capacity after output: /d")
	-bucket Capacity 2;
	time bimit ++;
	3
	else if CnewPacket > capacity 11 CnewPacket +
	bucket Capacity)> capacity)>
-	of C"New packet connot bege added
	to bucket");

bucket Capacity = bucket Capacity - authority authority output: "d" bucket Capacity also if (bucket(apactty e0) { bucket Capacity = 0; C'bucket Capacity backet Capacity Output no. of queries, buffer sig I hopet packet sige Output Packet accepted remarking space = 3 packet is accepted genaining 2 pace = 6 accepted

```
Enter the dataword
1 0 1 1 0 0 1 1 1 1 0 0 1 0 1 1 1
Enter dividend
1 0 0 0 1 0 0 0 0 0 0 1 0 0 1 1
Codeword: 10110011110010111000000000000011011
At receiver end
Process returned 1 (0x1) execution time: 53.976 s
Press any key to continue.
```