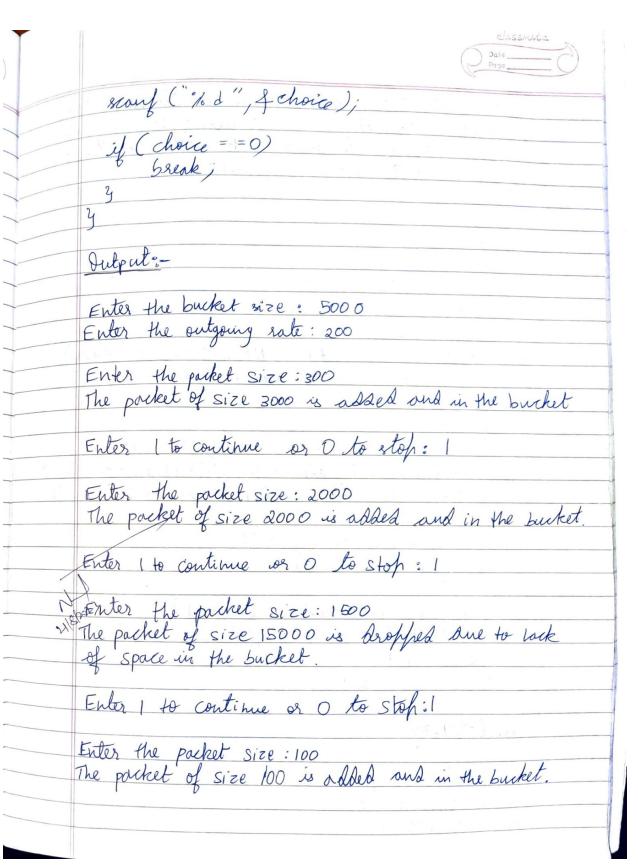
Cycle II

LAB 14:
Aim : Write a program for congestion control using Leaky bucket algorithm.

	Date Page
2. Write a program for congestion Leaky bucket algorithm.	Living
#include <stdio.h></stdio.h>	
void mais ()	
int psize, bsize, onlyoning, empter prints ("Enter the Bucket size = scanf" ("0/0d", f bsize);	
emplyspace = bsize; prints (" Finter the outgoing rate = scouf (" % d", & outgoing);	
while (1)	
prints ("In Enter the packet siz	e=");
if (psize < bsize ffpsize <=empty)	
emply space = empty space - psize; print ("The Parket of size "lod and in the burket "In", psize	is odded
empty space + = Outgoing;	
print ("The Packet of size "Tod due to back of space in the b	is dropped ucket (n');
print ("In Enter 1 to Continue or O	



Output:

```
"C:\Users\HP\Downloads\Bur: X
Enter the Bucket size = 5000
Enter the outgoing rate = 200
Enter the packet size = 3000
The Packet of size 3000 is added and in the bucket
Enter 1 to Continue or 0 to Stop: 1
Enter the packet size = 2000
The Packet of size 2000 is added and in the bucket
Enter 1 to Continue or 0 to Stop: 1
Enter the packet size = 1500
The Packet of size 6422296 is dropped due to lack of space in the bucket
Enter 1 to Continue or 0 to Stop: 1
Enter the packet size = 100
The Packet of size 100 is added and in the bucket
Enter 1 to Continue or 0 to Stop: 0
Process returned 0 (0x0)
                           execution time : 33.269 s
Press any key to continue.
```