```
5/01/23
                                          enter input
 Leaky Bucket algu
                                using leaky bucket algor,
 & program bos congestion control
                              prov 1 to add input
#include estdio.h>
Hindude estalibus
                            Bucket. Sun't exceeded
int main () {
 int input = 0, i = 0, bucket limit = 400,0P = 1;
 Point ("Bucket limit is 400 m");
Point f (" output sate is 50 mpps In");
while (or) {
   point ("Enter imput: ");
                             20 in bullet 250
  Sant ("/d", &i);
  if (i < = 400 &2 input < = 400) {
     input += i;
     input -= 50;
```

```
if ( luput <=400) {

Printf (" sty in bucket: /dln", input);
     else if (input > 400)
     Print f ("Bucket limit Exceeded In");
      point (" Breket Limit Exceeded in");
      Printf ("press 1 to add input in 0 to end");
     sant ("/d", 20P);
   retuno;
  D(P =
     Bucket limit is 400
     Rate is 50mbps
     exter input
     orty in bucket 250

Press 1 to add input, 0 to and was a more of
                                aty Bulket algun
300
       Bucket · limit exceeded
      300
       PRESS 1 to add input 0 to end
      Enter input
   2 2ty in bucket 250

2 /2 Press 1 to add, input 0 to end
                                         pation " / 7 in
```