```
04/01/24
      AIM:-
           To execute a C program for leaky bucket
      program:-
      #Inchide astdio-ha
     void maine )
      ant data [20] , leak - size = 5;
      int nixicounter=0;
      printf ("Enter the no of data packets sent: ");
      Scanf ("4d", &n);
      printf ("Enter the sizes of packets In");
     for (Int 1=0) (in) (++)
              Scanf ("+d", &data [ 1]);
     for (int 1=0 ) (in) (++)
         While (data [1]>0)
           if (data[i] > = leak - size)
                         data[1] = data[1] -leak-size;
           else
           3
              Y= leak-size -data[i];
             data[1] =0;
             dota[1+2] = data[1+2] - 7;
          counter++)
     printf ("The total time taken to transfer the data "is "tod seconds at
               the rate of 1'd mBlsec", counter, leak_size);
Output :-
enter the no of data packets sent: 4
Enter the Size of packets.
```

MGIT

