Leaky Bucket Algorithm

Aim: Write a program for congestion control using leaky bucket algorithm.

```
#tinclude rstdio.h>
#include establib.h?
int main (1)
   int input = 0, i=0, bucket limit = 100, op=1
   int size: 50, consent = 0, inpw, out=10;
   char a = 'y'; tomor tom at them with
    do f
      int (surrent <= size) &
       if (current <= size &$ a== y') }
          Cout « "Enter packet input";
           cin >7 input;
          coward += input;
        if (cullent 7 = 10) &
          coment = current -10;
          cout << "Packets sent is 10 \n"):
       else ?
          cout << "Pachet sent is << current << endl;
           current = 0;
      cout << "Remaining packets in bucket: " < courerd cord;
      cowt << "Po you want to input packet;
```

& while (current 70 11 a== 4);

Cout < " End "; neturn o;

Output Enter packet input: 20 Packets sent: 10 Remaining packets = 10
Do you want to input packet : y Enter a packet input:10 Packets sent: 10 Do you want to input packet: n

Packets sent: 10 Remaining packets: 0 Do you want to input packet : n

End.

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