Leaky Bucket

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```
def algo (size, input, output):
    buffer = 0
    for pkt in input:
        n = size - buffer
        if pkt < n:
            buffer += pkt
            print (f '{output}, {buffer}')
        else:
            print (f 'Packet loss : {pkt - n}')
            buffer = size
            print (f '{buffer}')

    buffer = output
    while buffer :
        sent = if output < buffer else buffer
        buffer -= sent
        print (f '{buffer}')
```