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Implement leaky bucket algorithm :

```
def leaky_bucket(output, bucket_size):
    print('=========')
    print(f'The output rate is : {output}')
    print(f'The bucket size is : {bucket_size}')
    packet_no = int(input('Enter no. of
        packets you want to send'))

    for i in range(packet_no):
        packet_size = int(input('Enter packet size'))
        if packet_size < bucket_size:
            if packet_size <= output:
                print(f'Packet number {i} |
                    Packet size {packet_size} =>')
                print('Bucket Output Successful')
                print(f'Last {packet_size} bytes sent')
                print('=========')
            else:
                print(f'Packet no {i} |
                        Packet size {packet_size} =>')
                print('Bucket Output Successful')
                sent = packet_size - output
                print(f'{output} bytes outputted')
                print(f'Last {sent} bytes sent')
                print('=======')
        else:
            print(f'Packet no {i} | Packet size {packet_size} =>')
            print('Bucket Overflow')
            print('=======')
```