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1BM18CS040
CN LAB - 9

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```
def Lbucket (output, bsize)
    print ('  =  =  =  =  =  ')
    print ('The output is', Output);
    print ('The bucket size is', bsize)
packet_no : int (input ('Enter the no. of packets to be sent')
for i in range (packet_no)
    packet_size = int (input ('Enter the packet size : '))
    if packet_size < bsize :
        if packet_size <= output:
            print (f'Packet no. : {i}
            Packet_size { packet_size } => ')
            print ('Bucket output Successfull')
            print (f'Last { packet_size } bytes sent ')
            print ('  =  =  =  =  =  ')
        else :
            print ('Packet no. ', i)
            Packet size { packet_size } => ')
            print ('Bucket output successfull')
            print (f' {output } bytes outputed ')
            sent = packet_size - output
            print (f' Last {sent} bytes sent ')
            print ('  =  =  =  =  =  ')
    else :
        print (f'(Packet no. {i} / Packet size {packet_
            size } => ')
        print ('Bucket overflow')
        print ('  =  =  =  =  =  =  ')
Output = int (input ('Enter output Rate : '))
bucket_size = int (input ('Enter bucket size '))
Lbucket (output, bucket_size)
```