Exp 14 Write a program from consistion control wins leaky (rade: Hirolade Catalia h > into main U 3 ent incoming, outgoing, Deanf ("-1.d. 1.d. 1.d.", & buch-size, & outgoing pounts ("Enter the incoming packet 3 is " pount (incoming packet 4 Circomine & Claude size-stone pount ("Bucket bufforsize I'd out incoming - (but _ size found ("Booket buffer size 7. dout of 7.0 Story buck size Estrone = Druk- Size; Store - store - pulcaire; pointy (" ruter outgoing 1. d bytes left out of 1. d in buffer m", store, buch m --4

0/9: Enter buttet was, outgoing state 4 ma of I/1 10 Enter incoming packet size 5 Incoming packet SAC 5 Apter outgoing 2 lyles left out of 10 in fuper Attores Enter the incoming packet size: 15 Incomis packet size: 5 Bucket Treffer size 1 out 10 After outgoing 4 byles left out of 10 in bapper Enter the incoming pakeket sing: 7 Incoming packet sup: 7 peropped buffer 4 out of 10 After outgoing 7 bytes left out of 10 in

Output

```
packet[0]:83 bytes
packet[1]:86 bytes
packet[2]:77 bytes
packet[3]:15 bytes
packet[4]:93 bytes
Enter the Output rate:30
Enter the Bucket Size:85
Incoming Packet size: 83
Bytes remaining to Transmit: 83
Packet of size 30 Transmitted---Bytes Remaining to Transmit: 53
Packet of size 30 Transmitted---Bytes Remaining to Transmit: 23
Packet of size 23 Transmitted---Bytes Remaining to Transmit: 0
Incoming Packet size: 86
Incoming packet size (86bytes) is Greater than bucket capacity (85bytes)-PACKET REJECTED
Incoming Packet size: 77
Bytes remaining to Transmit: 77
Packet of size 30 Transmitted---Bytes Remaining to Transmit: 47
Packet of size 30 Transmitted---Bytes Remaining to Transmit: 17
Packet of size 17 Transmitted---Bytes Remaining to Transmit: 0
Incoming Packet size: 15
Bytes remaining to Transmit: 15
Packet of size 15 Transmitted---Bytes Remaining to Transmit: 0
Incoming Packet size: 93
Incoming packet size (93bytes) is Greater than bucket capacity (85bytes)-PACKET REJECTED
=== Code Execution Successful ===
```