

include + bits / stdc + 1. h > using namespace std3 int main () 1 1 1 1. 1. int no-of-queries, starage - 0; putput pkt size; int input - pkt - size , buckét size, size-left; cout << coenter no of queries: 22; cin >> no-of-queries; cout << "Enter the bucket size: "; cin >> bucket-size; typio cout << ! Enter output packet Size: "; a just po an other cin >> output - pkt - size it out for (int i = 0; i = no of Equeries; it+) 2 My sai todicy by with Cout << " Enter input packet size: 3"; cin >> input -pkt -sizes of size-left = buket-size - storage; if (input-pkt-size = size-left) Storage + + input - pkt-size; Borni espectaca Pages notice else of the Tight gotas Cout - ee packet loss = " < input-pkt_ Cout < 2 el Buffer size = "> < <

Storage == ee outrof bucket size="">c= bucket-size <= endly storage -= output-pkt size; if (storage = 0) cout < er after output new buffer size "> Storage a cendla Output Tolory topin into 3 12 - 10 Enter no of queries:3 Enter the bucket size: 100 Enter output proket size : 50 FAT Enter input packet Size: 100 Buffer size = 100 out of bucket size = 100 after output new buffer size = 50 so I - and atopod that is Enter input Packet Size 150 Packet 1055 = 150 Buffer size=150 out of Ducket size=100 after output newbuffer size = 50 Enter input packet size: 20 Buffer size = 20 out of bucket size = 100 after output new buffer size = 0 ACHIEVER