

Input prompt:

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Enter the file name in the form of NAME.pcap: assignment2.pcap
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Output:

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Flow 1 | Source IP: 130.245.145.12 | Source Port: 43498 | Dest IP: 128.208.2.198 | Dest Port: 80 | Throughput: 5022384.95782133
Flow 2 | Source IP: 130.245.145.12 | Source Port: 43500 | Dest IP: 128.208.2.198 | Dest Port: 80 | Throughput: 1229357.9697844419
Flow 3 | Source IP: 130.245.145.12 | Source Port: 43502 | Dest IP: 128.208.2.198 | Dest Port: 80 | Throughput: 1416540.9518656295

Flow 1 First 2 Transactions
Transaction 1
Packet: Sequence Number: 705669103 | Acknowledgement Number: 1921750144 | Window Size: 49152
Ack: Sequence Number: 1921750144 | Acknowledgement Number: 705669127 | Window Size: 49152
Transaction 2
Packet: Sequence Number: 705669127 | Acknowledgement Number: 1921750144 | Window Size: 49152
Ack: Sequence Number: 1921750144 | Acknowledgement Number: 705670575 | Window Size: 49152

Flow 2 First 2 Transactions
Transaction 1
Packet: Sequence Number: 3636173852 | Acknowledgement Number: 2335809728 | Window Size: 49152
Ack: Sequence Number: 2335809728 | Acknowledgement Number: 3636173876 | Window Size: 49152
Transaction 2
Packet: Sequence Number: 3636173876 | Acknowledgement Number: 2335809728 | Window Size: 49152
Ack: Sequence Number: 2335809728 | Acknowledgement Number: 3636175324 | Window Size: 49152

Flow 3 First 2 Transactions
Transaction 1
Packet: Sequence Number: 2558634630 | Acknowledgement Number: 3429921723 | Window Size: 49152
Ack: Sequence Number: 3429921723 | Acknowledgement Number: 2558634654 | Window Size: 49152
Transaction 2
Packet: Sequence Number: 2558634654 | Acknowledgement Number: 3429921723 | Window Size: 49152
Ack: Sequence Number: 3429921723 | Acknowledgement Number: 2558636102 | Window Size: 49152

Flow 1 | First 3 Cwnds: [1509, 1653.5, 1255.75] | Duplicate Acks: 3 | Timeouts: 2
Flow 2 | First 3 Cwnds: [2156, 1638.0, 1101] | Duplicate Acks: 4 | Timeouts: 93
Flow 3 | First 3 Cwnds: [1182] | Duplicate Acks: 0 | Timeouts: 1
```