ACN CLASS QUIZ - 4

EVEN SEAT NUMBERS

1. What are trunk ports? Describe briefly.

ODD SEAT NUMBERS

1. What are ephemeral ports? Describe briefly.

COMMON Questions

2. Do routers have IP addresses? If so, how many?
3. Suppose you are interested in detecting the number of hosts behind a NAT.You observe that the IP layer stamps an identification number sequentially on each IP packet. The identification number of the first IP packet generated by a host is a random number, and the identification numbers of the subsequent IP packets are sequentially assigned. Assume all IP packets generated by hosts behind the NAT are sent to the outside world. Based on this observation, and assuming you can sniff all packets sent by the NAT to the outside, can you outline a simple technique that detects the number of unique hosts behind a NAT? Justify your answer.