Assignment 3
Computer Networks
Group 42
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1. Across Linux, macOS, and Windows, these commands will print not one but two different routing tables. What is the difference between these two tables?

The difference between the routing tables printed by the netstat -nr command is that the first table is an IPv4 table whilst the second is an IPv6 table.

2. What column headers correspond to the ones mentioned in the introduction (network destination, subnet mask, and gateway)? Hint: on macOS, two of these may be combined.

In Ubuntu, the first three columns (Destination | Gateway | Genmask) correspond to Network destination, gateway and subnet mask respectively.

3. A typical destination might be expressed in two ways: as a network destination of 145.94.162.184 with subnet mask 255.255.255.255, or as those two combined as 145.94.162.184/32. How do you convert between these two formats?