Router with NAT (external interface that connects to the Web Server)
IP address: 155.44.33.22
MAC address: 6F-5E-4D-3C-2B-1A

Web Server
Port number: 80
IP address: 99.152.1.20
MAC address: 98-BA-BD-6F-44-3D

Router without NAT (external interface that connects to the router with NAT)
IP address: 10.0.0.11
MAC address: AB-CD-EF-FF-FF-FF

PC
Port number: 1111
IP address: 10.0.1.101
MAC address: 11-22-33-DD-EE-FF

Router with NAT

Router without NAT

L2 Switch

Web Server

PC

Router with NAT (internal interface that connects to the router without NAT)
IP address: 10.0.0.1
MAC address: 12-AB-34-CD-56-EF

Router without NAT (internal interface that connects to the switch)
IP address: 10.0.1.1
MAC address: 00-00-00-00-AA-BB

1. Create the NAT, ARP, switching and routing tables for the network above.
2. Show how the packet header changes as the packet travels through the network. Consider that the PC knows the IP address of the web server.