1. Convert the following IPv4 address into binary notation:

   IP Address: 192.168.1.10

2. Convert the following IPv4 address into binary notation:

   IP Address: 10.1.221.124

3. Given the following subnet mask in decimal notation, convert it into binary notation:

   Subnet Mask: 255.255.255.0

4. Are the following IP addresses a public or private IP addresses?

   10.1.1.22

   44.12.25.64

   199.168.3.12