

Quiz

Use packet tracer to demonstrate below use cases:

1. Create network by connecting two computers with below detail: PC1:- IP address = 192.168.1.2

Net Mask = 255.255.255.0

Gateway = 192.168.1.1

PC2: - IP address = 192.168.1.3 Net Mask = 255.255.255.0

Gateway = 192.168.1.1

Are you able to ping from PC1 to PC2? YES/NO; Explain why Yes because they have the same internet ID

1. Create network by connecting two computers with below detail: PC1: - IP address = 192.168.1.2

Net Mask = 255.255.255.0

Gateway = 192.168.1.1

PC2: - IP address = 192.168.2.2 Net Mask = 255.255.255.0

Gateway = 192.168.2.1

Are you able to ping from PC1 to PC2? YES/NO; Explain why. NO

1. Create network by connecting two computers with below detail: PC1: - IP address = 192.168.1.2

Net Mask = 255.255.255.0

Gateway = 192.168.1.1

PC2: - IP address = 192.168.2.2 Net Mask = 255.255.255.0

Gateway = 192.168.2.1

PC3: - IP address = 192.168.1.2 Net Mask = 255.255.255.0

Gateway = 192.168.1.1

PC4: - IP address = 192.168.2.2 Net Mask = 255.255.255.0

Gateway = 192.168.2.1

Are you able to ping from PC1 to PC2? YES/NO; Explain why Are you able to ping from PC1 to PC3? YES/NO; Explain why What would you need to enable PC1 ping PC2 and PC4?