**Homework 1**

**Name: Nafisa Tabassum Number: 202424600**

Diagram

Description automatically generated

**Please note that if the network is not connected, the max grade is 7/10.**

**Router R0:** (2 points)

**show run | sec dhcp**

**A computer screen shot of a computer

AI-generated content may be incorrect.**

**show ip int bri | inc up**

**A close-up of a manual

AI-generated content may be incorrect.**

**show ip route static**

**A screen shot of a computer

AI-generated content may be incorrect.**

**Multilayer Switch:** (3points)

**show ip int bri | inc up**

**A close up of text

AI-generated content may be incorrect.**

**show run | sec dhcp**

**A screen shot of a computer

AI-generated content may be incorrect.**

**show vtp status**

**A computer screen shot of a program

AI-generated content may be incorrect.**

**show spanning-tree summary**

**A screenshot of a computer

AI-generated content may be incorrect.**

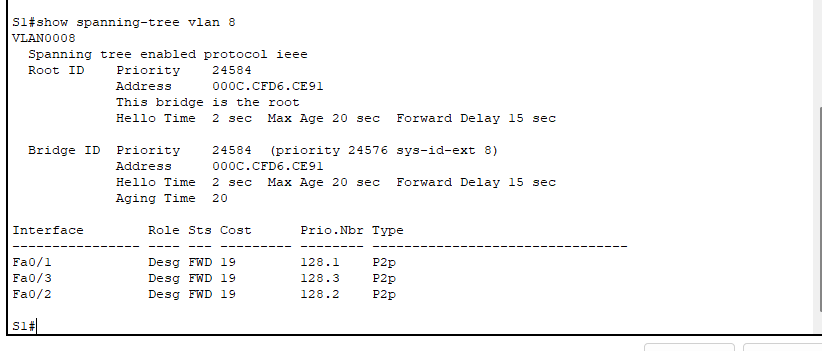
**show ip route static**

**A close up of a white background

AI-generated content may be incorrect.**

**Switch S1:** (1 point)

**show spanning-tree vlan 8**

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**show spanning-tree vlan 20**

**A computer screen shot of a computer code

AI-generated content may be incorrect.**

**Switch S2:** (1 point)

**show spanning-tree vlan 8**

**A screenshot of a computer

AI-generated content may be incorrect.**

**show spanning-tree vlan 20**

**A screenshot of a computer program

AI-generated content may be incorrect.**

**Switch S3 (take a snapshot for interfaces f0/1-4);** (0.5 points)

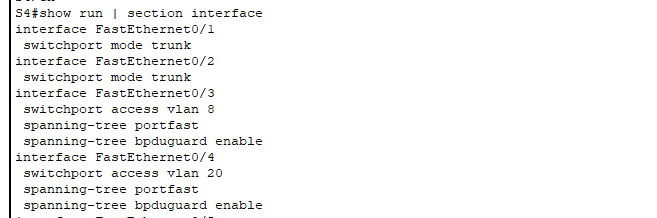
**show run | section interface**

**A white background with black dots

AI-generated content may be incorrect.**

**Switch S4 (take a snapshot for interfaces f0/1-4):** (0.5 points)

**show run | section interface**

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**Switch S5 (take a snapshot for interfaces f0/1-4):** (1 point)

**show run | section interface**

**A screenshot of a computer program

AI-generated content may be incorrect.**

**Switch S6 (take a snapshot for interfaces f0/1-4) :** (1 point)

**show run | section interface**

