Part 2: Step 1:

Record PC-A's MAC Address here:
0010.116C.9364

Record PC-B's MAC Address here:
000A.F396.E29B

Record S1 F0/1 MAC Address:
00e0.f918.6101

Record S2 F0/1 MAC Address:
00e0.a315.ba01

Question: Are there any MAC addresses recorded in the table? If so, which ones do you see and on which ports? (Ignore MAC addresses mapped to "CPU"):
1 mac address.

Question: Has the switch added additional MAC addresses to the table? If so, which addresses and devices are now listed, and on which ports? Compare with your recorded MAC addresses from Step 1:
There are now 4 mac addresses. Aka 3 new ones.

Question: Are there any MAC addresses for VLAN 1? What about the F0/1 interface MAC address of the other switch (S1)? Why might some addresses reappear quickly?

The new ones haven't disappeared yet.

Question: Are there any new addresses in the MAC address table? Why do you think this happens even without you initiating new pings?

The newer mac addresses disappeared after 10 seconds.

PC-A's OUI: 0010.11

PC-A's Serial Number: 6C.9364

PC-A's NIC Vendor: Cisco Systems, Inc

S1 VLAN 1 OUI: 00e0.a3

S1 VLAN 1 Serial Number: 98.5c5d

S1 NIC Vendor: Cisco Systems, Inc