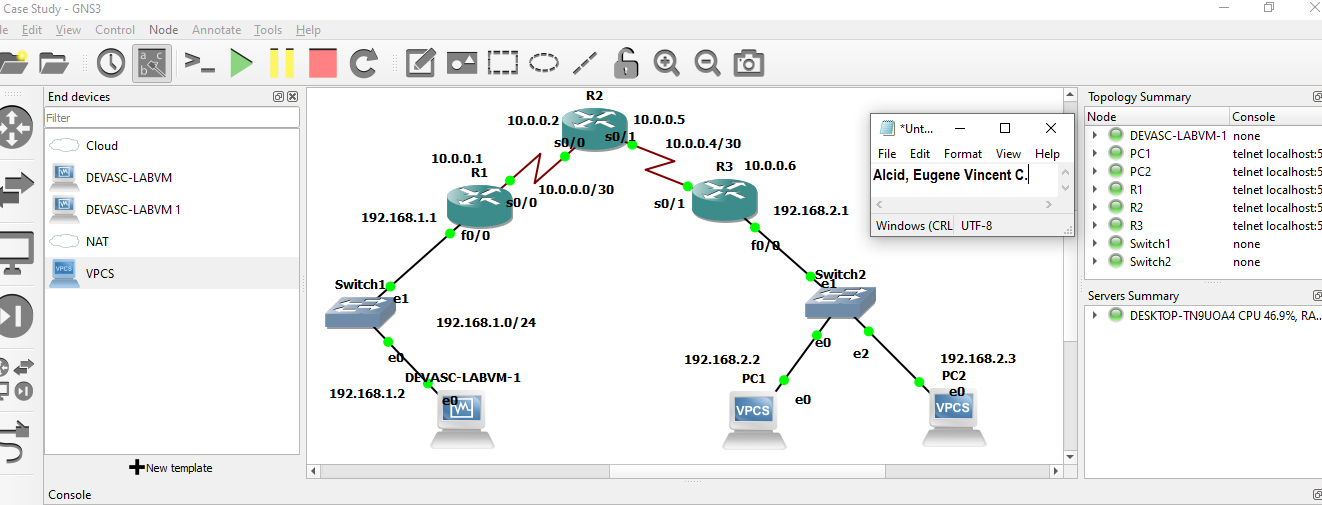
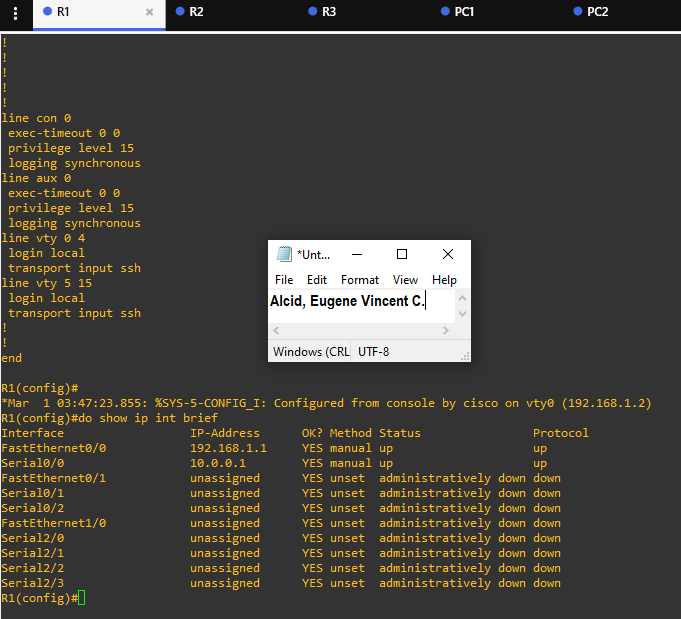
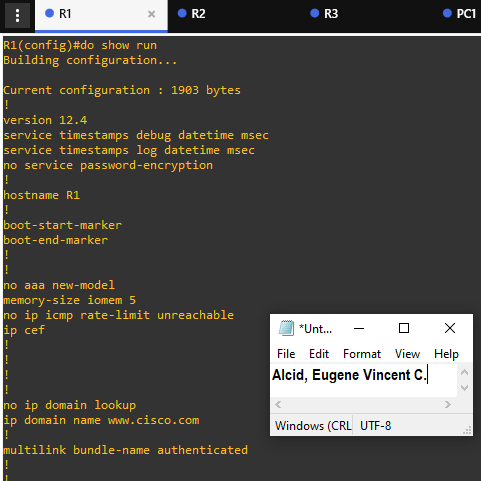
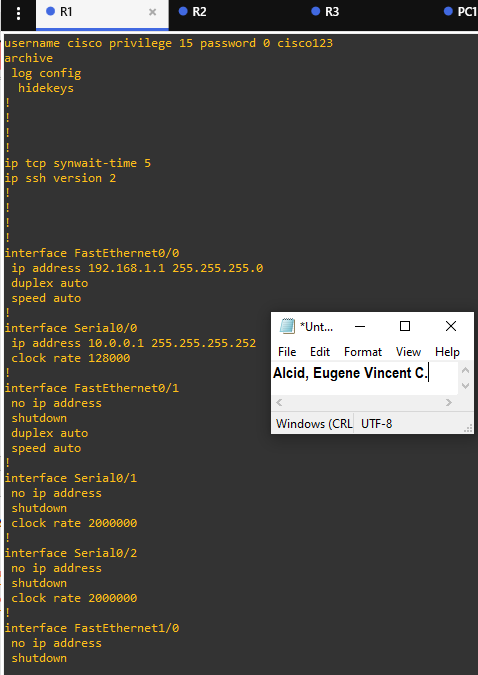
**Topology**

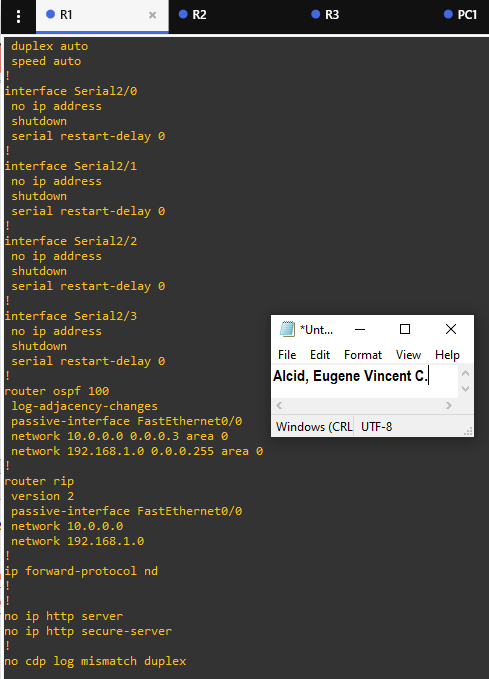


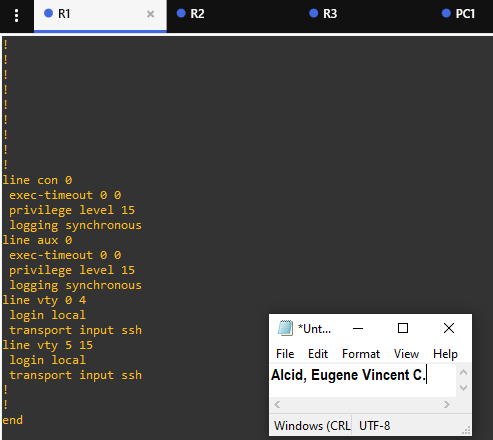
**R1 Router Configuration**

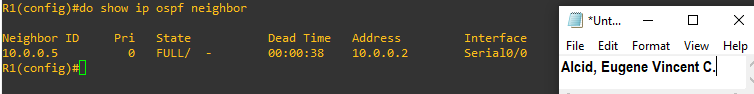




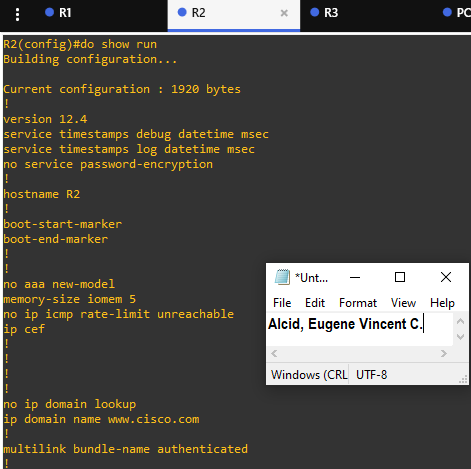


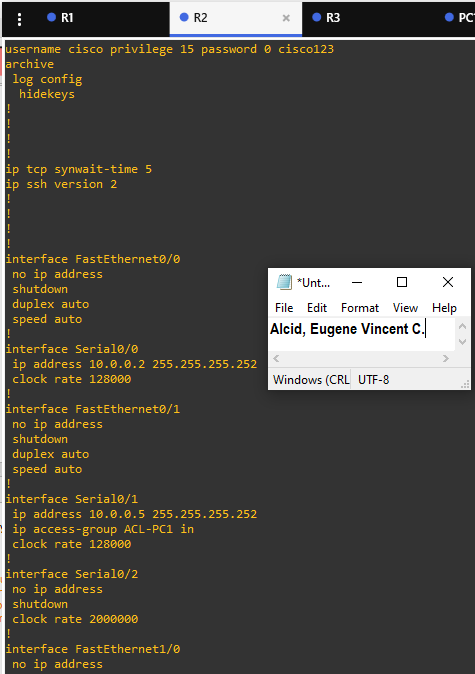


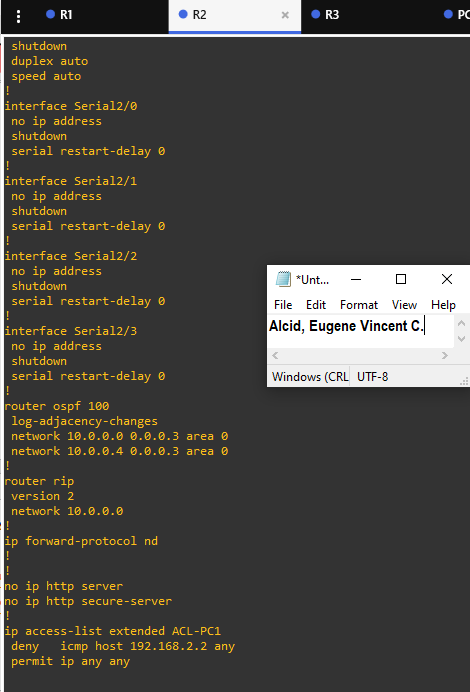


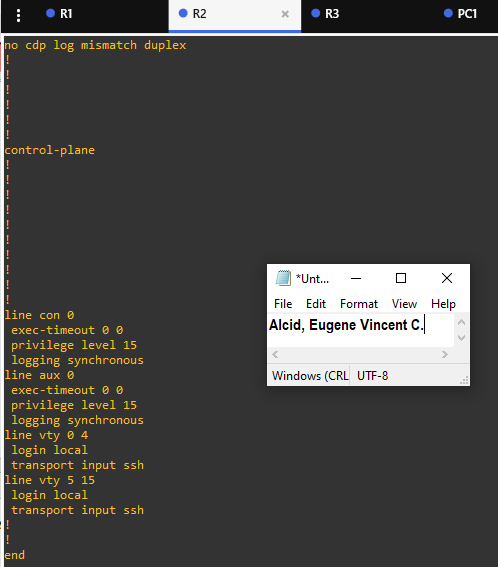


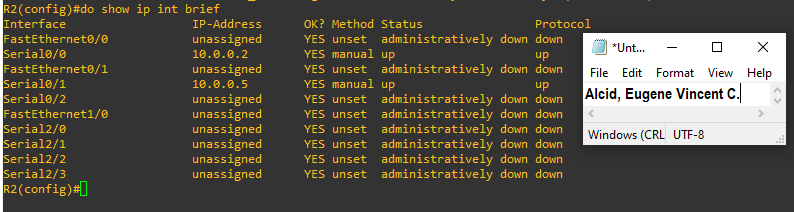
**R2 Router Configuration**

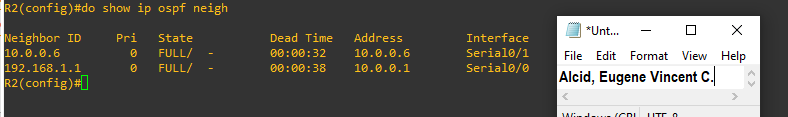




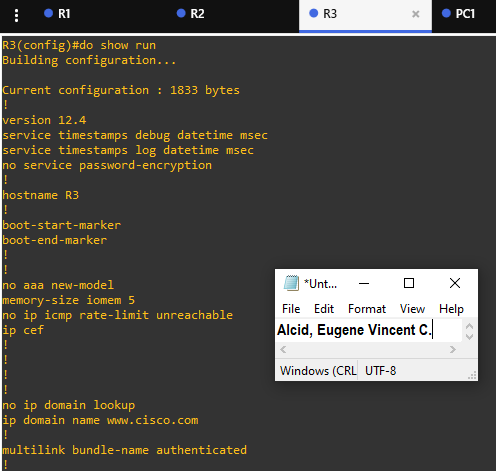


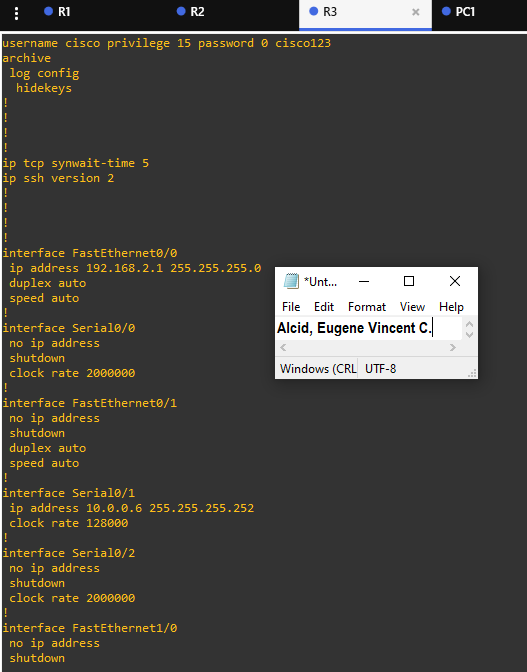


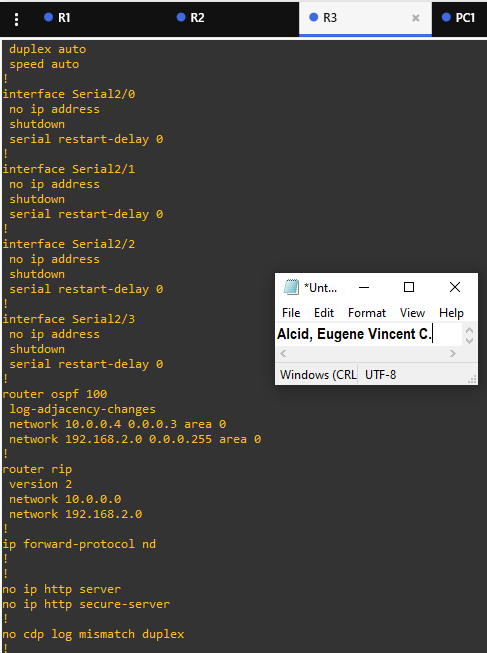


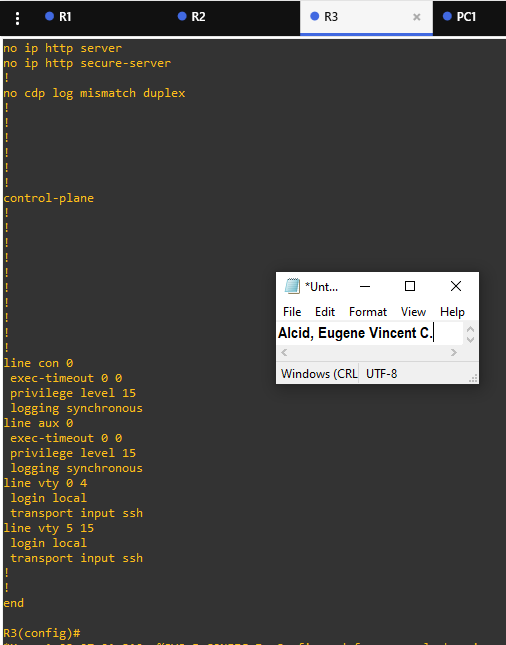


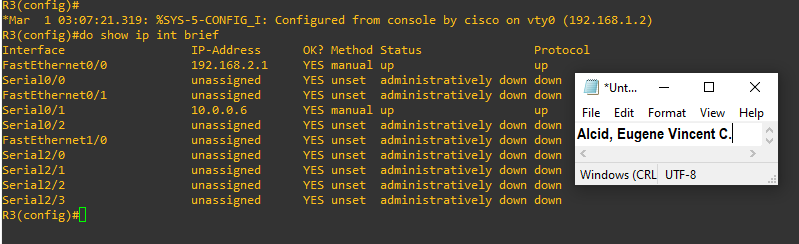
**R3 Router Configuration**

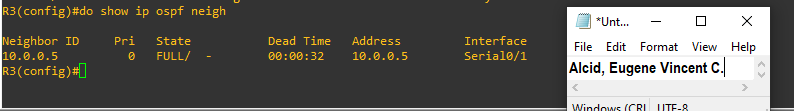




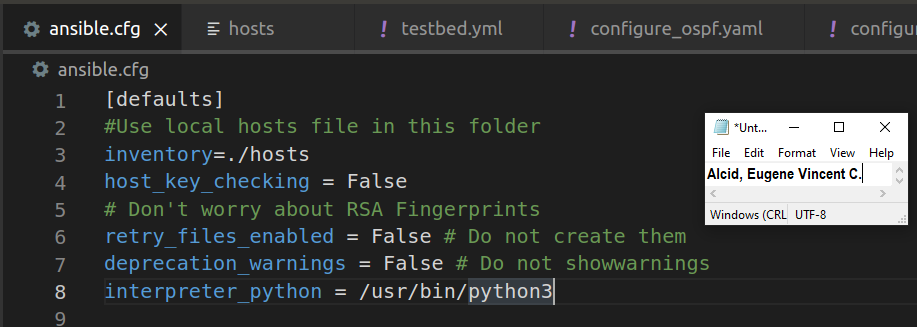




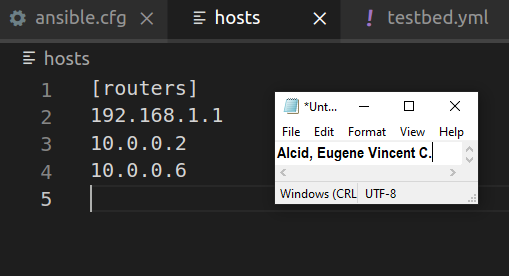




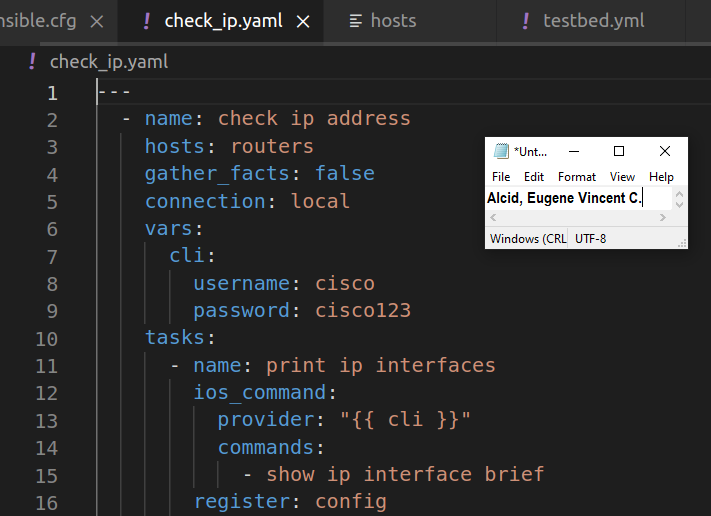
**Ansible.cfg**

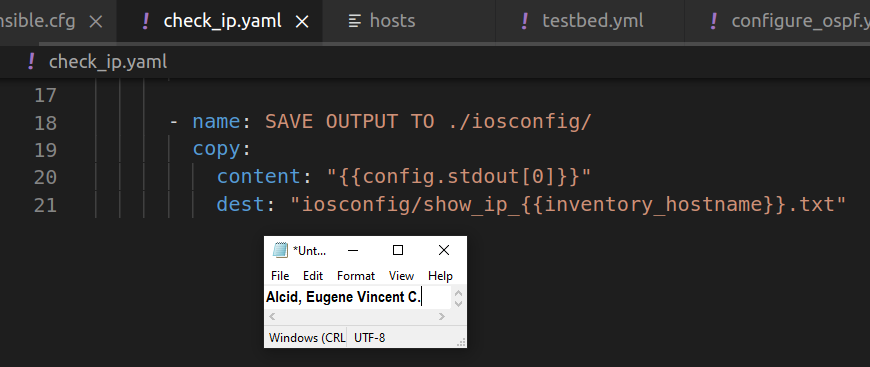


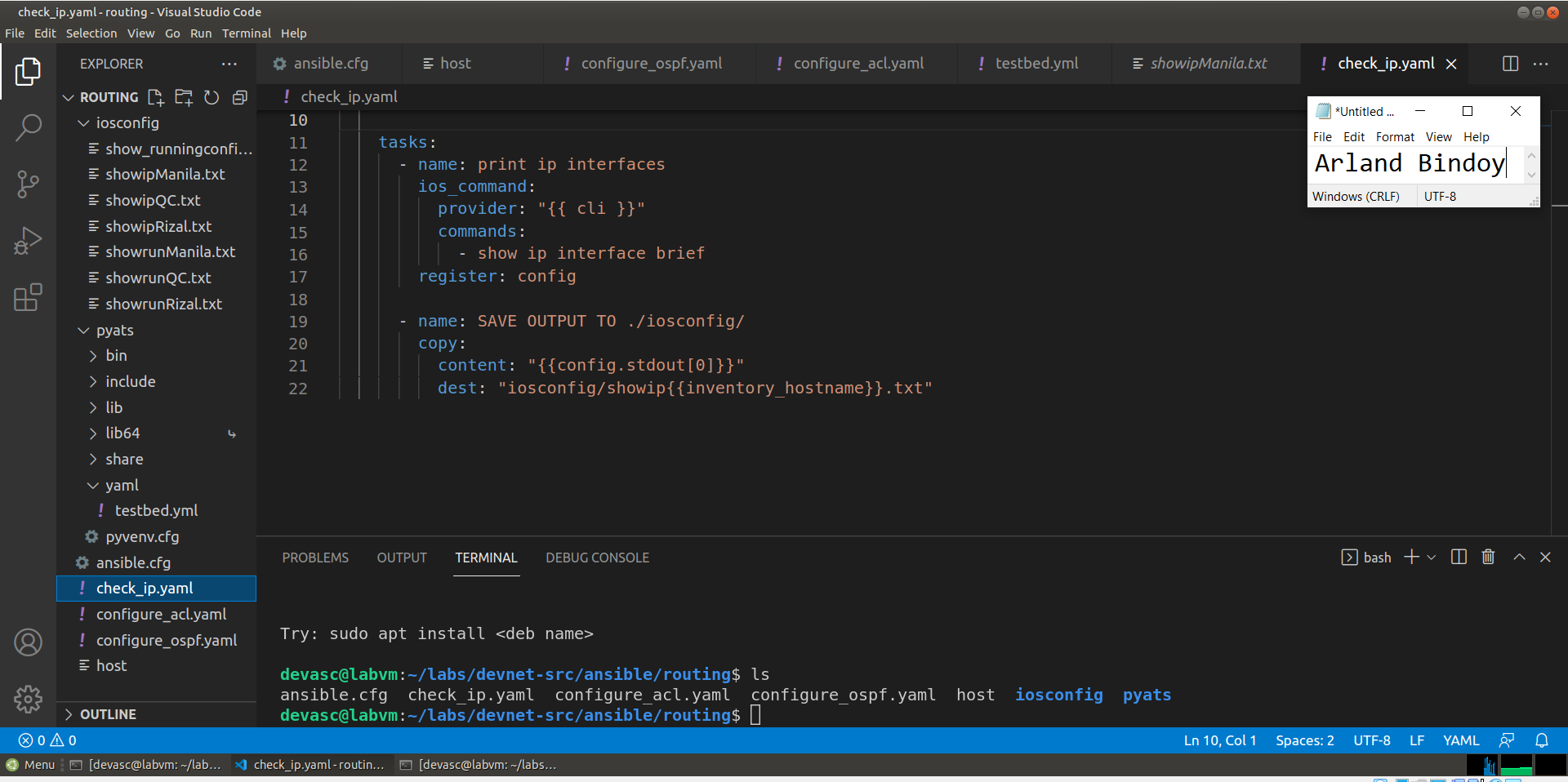
**hosts file**



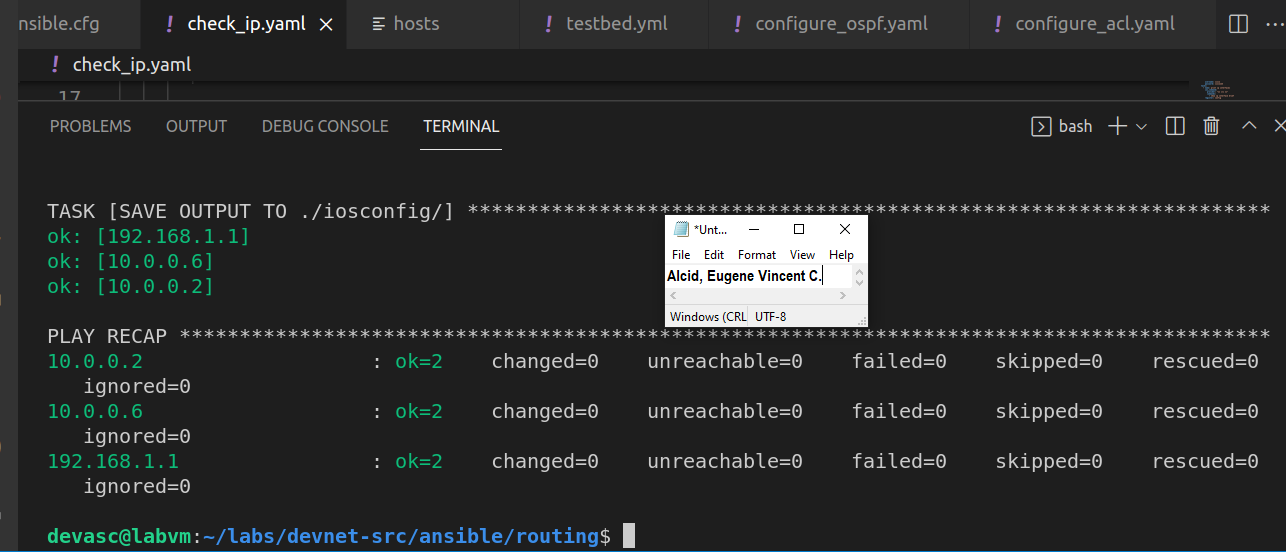
**check\_ip.yaml**



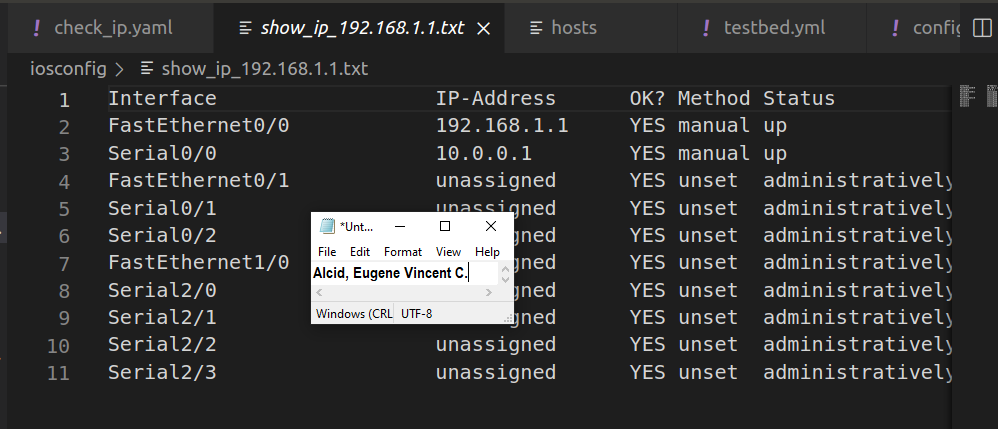




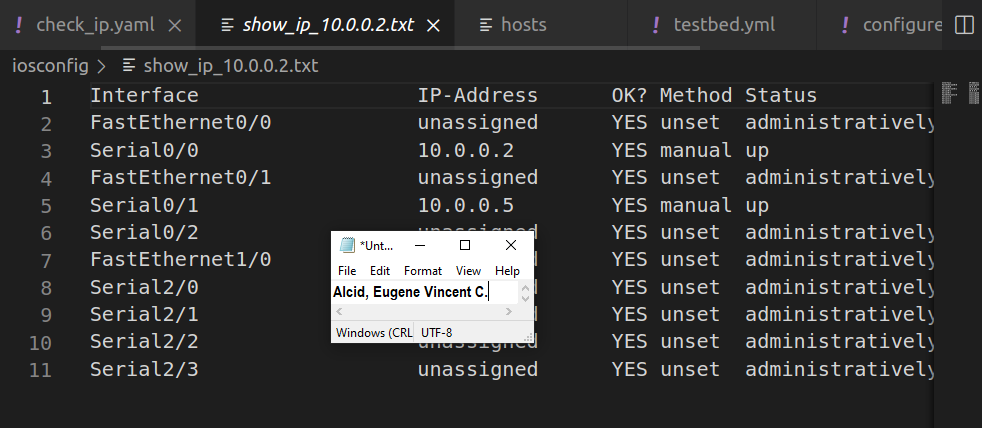
**Output of check\_ip.yaml**



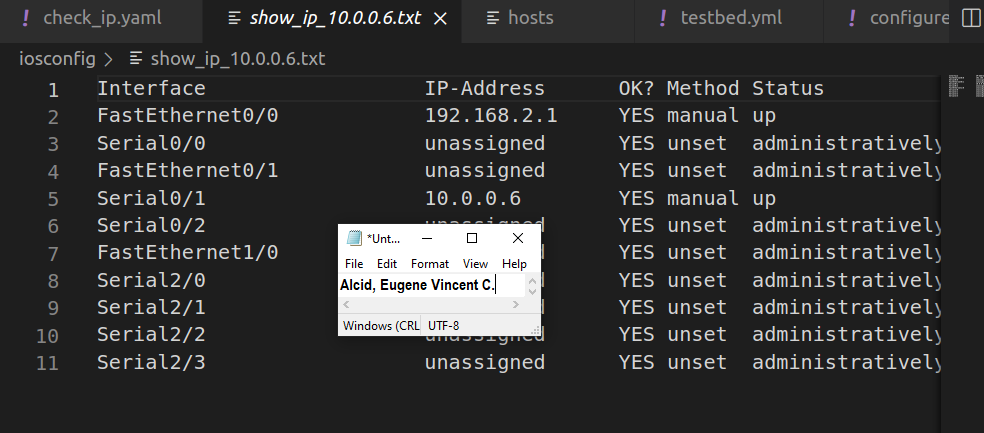
**show\_ip\_192.168.1.1.txt**



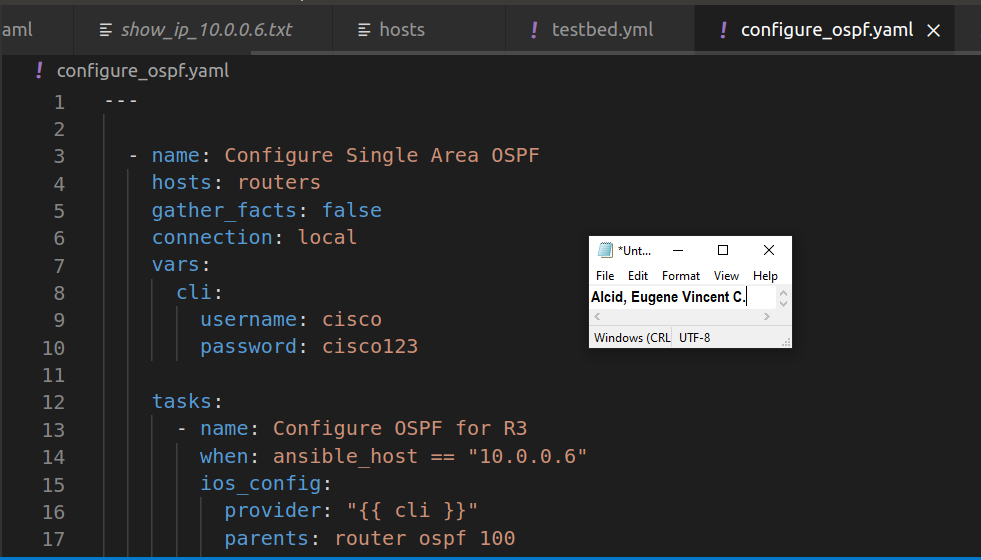
**show\_ip\_10.0.0.2.txt**

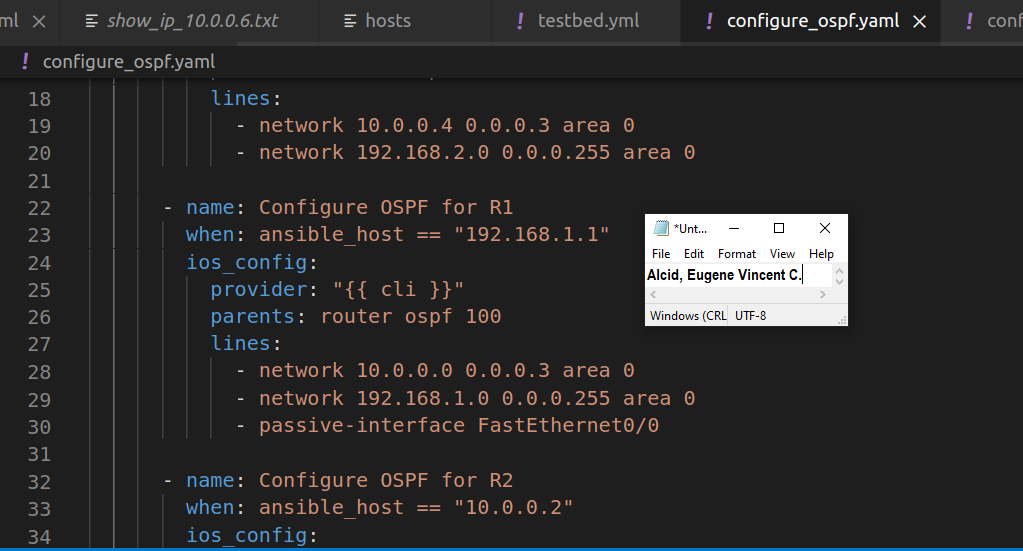


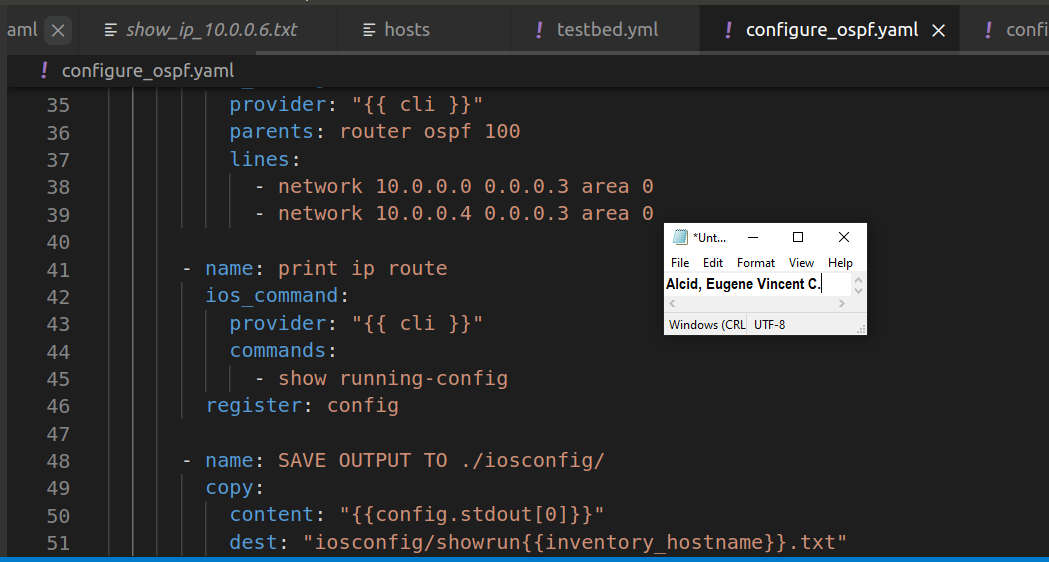
**show\_ip\_10.0.0.6.txt**

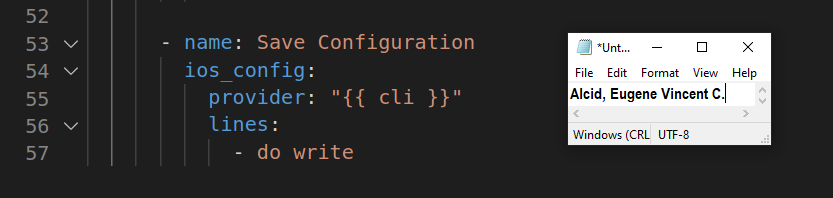


**configure\_ospf.yaml**

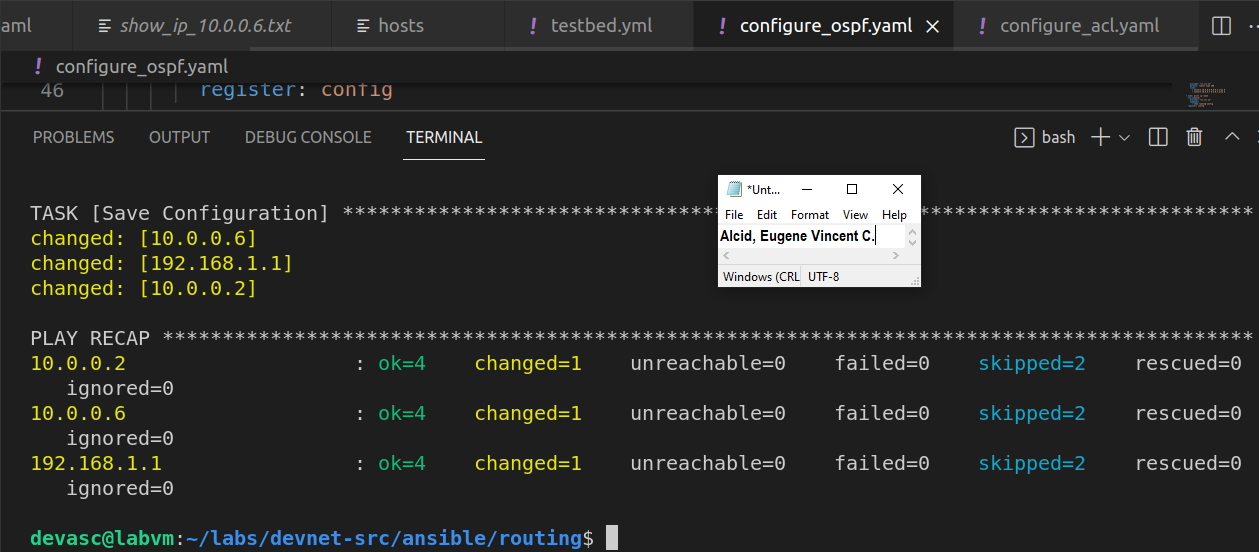




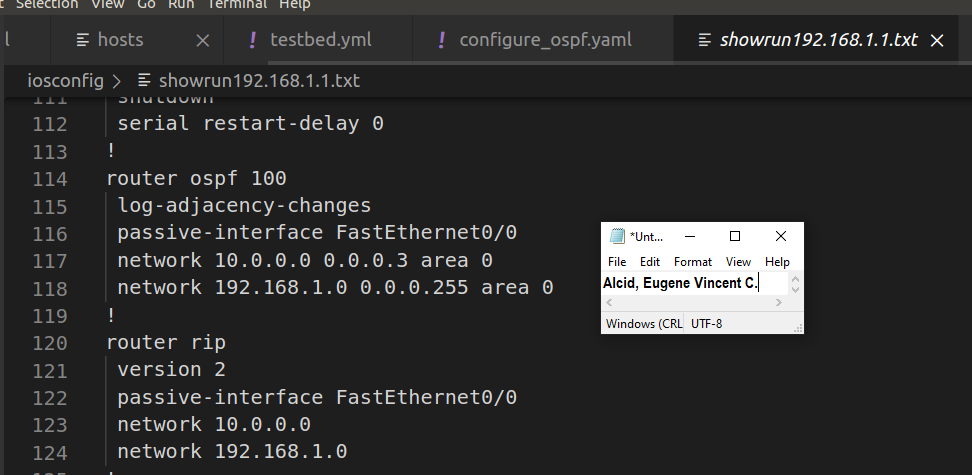




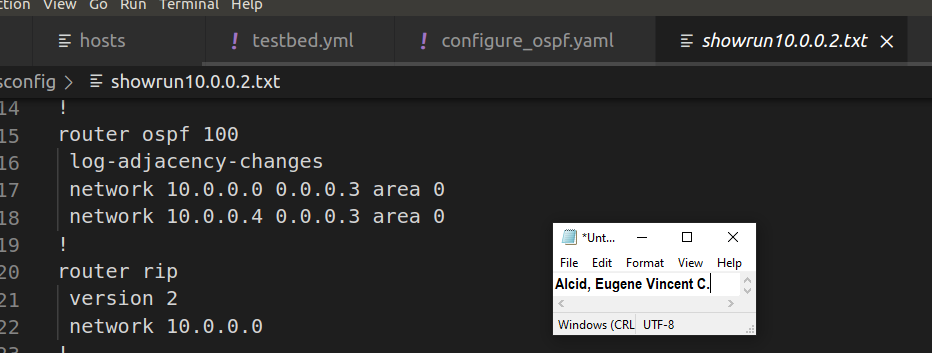
**Output of configure\_ospf.yaml**



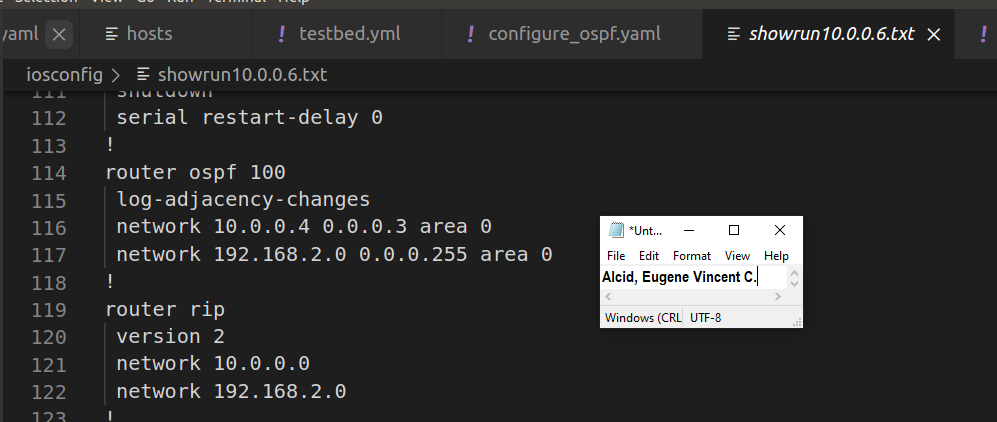
**showrun192.168.1.1.txt**



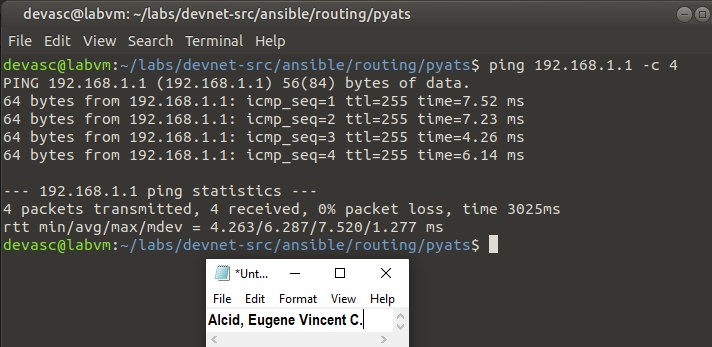
**showrun10.0.0.2.txt**



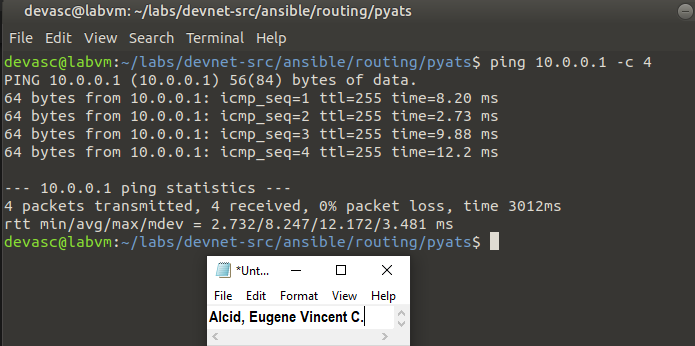
**showrun10.0.0.6.txt**



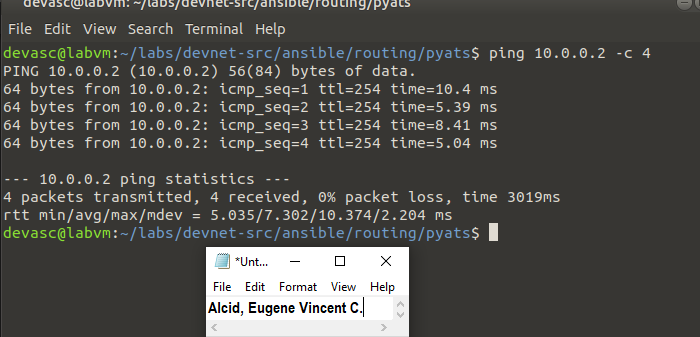
**Ping PC-LABVM to R1 ip address 192.168.1.1**



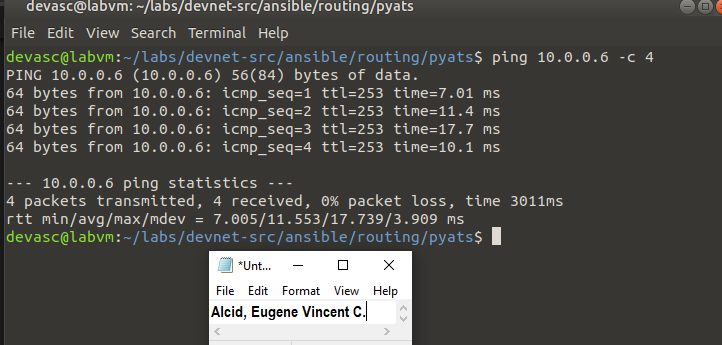
**Ping PC-LABVM to R1 ip address 10.0.0.1**



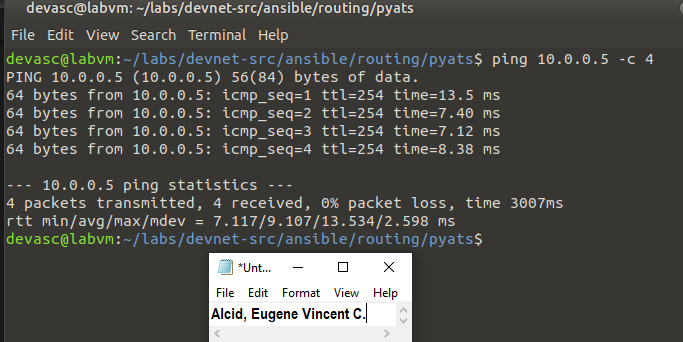
**Ping PC-LABVM to R2 ip address 10.0.0.2**



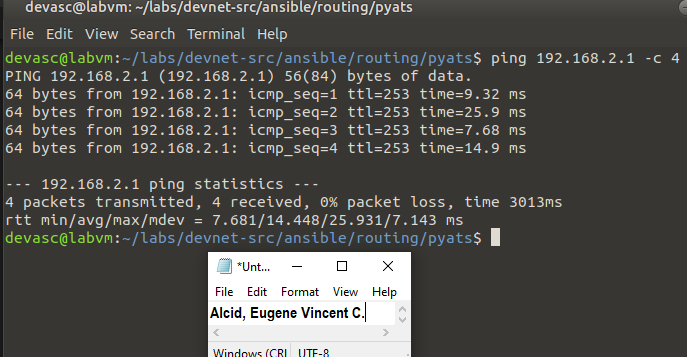
**Ping PC-LABVM to R3 ip address 10.0.0.6**



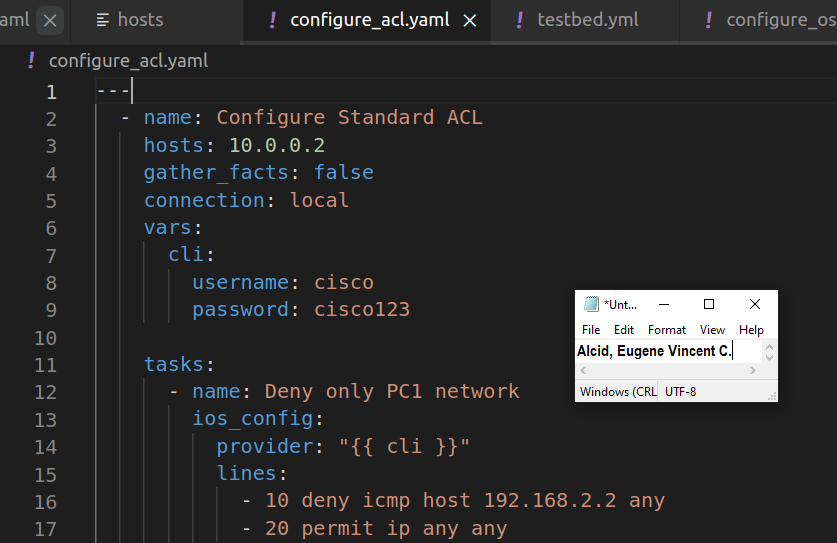
**Ping PC-LABVM to R2 ip address 10.0.0.5**

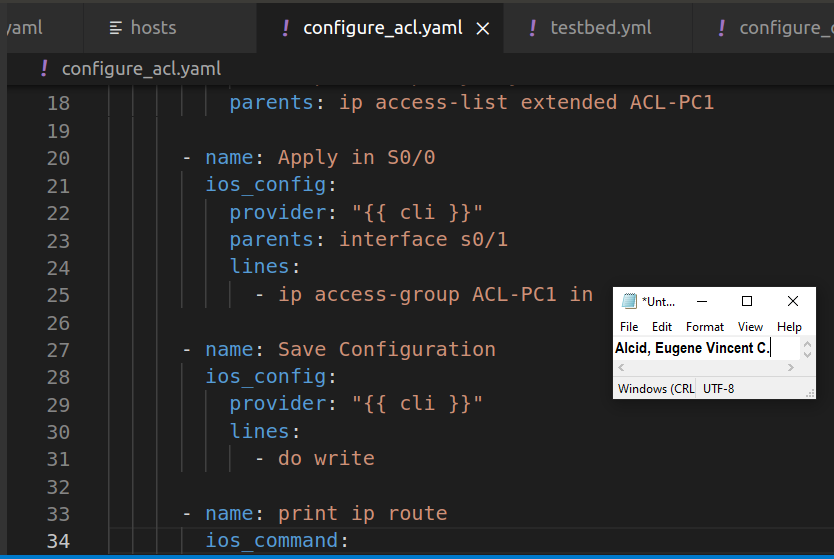


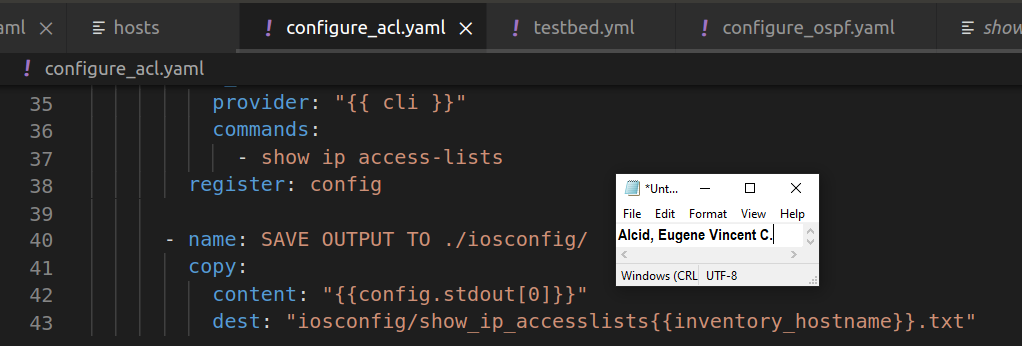
**Ping PC-LABVM to R3 ip address 192.168.2.1**



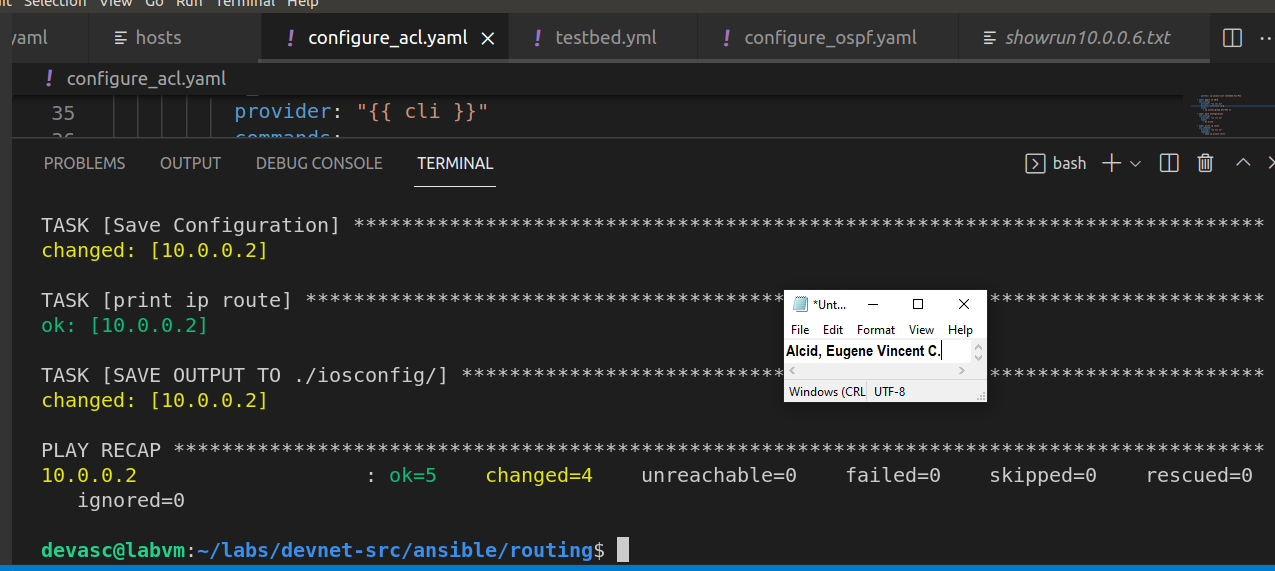
**configure\_acl.yaml**

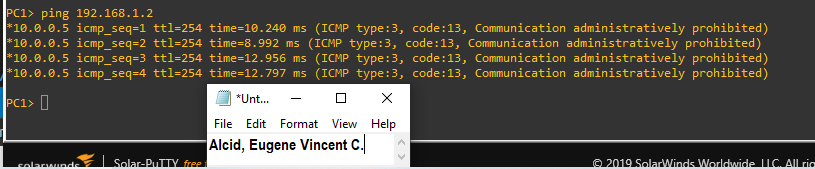


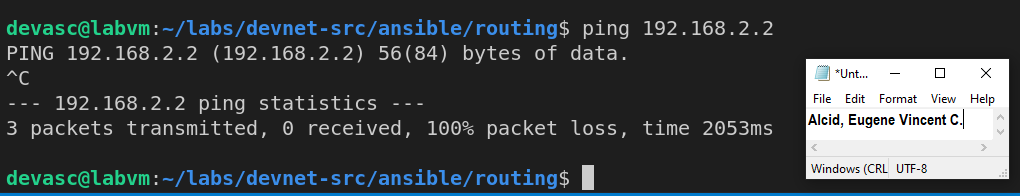




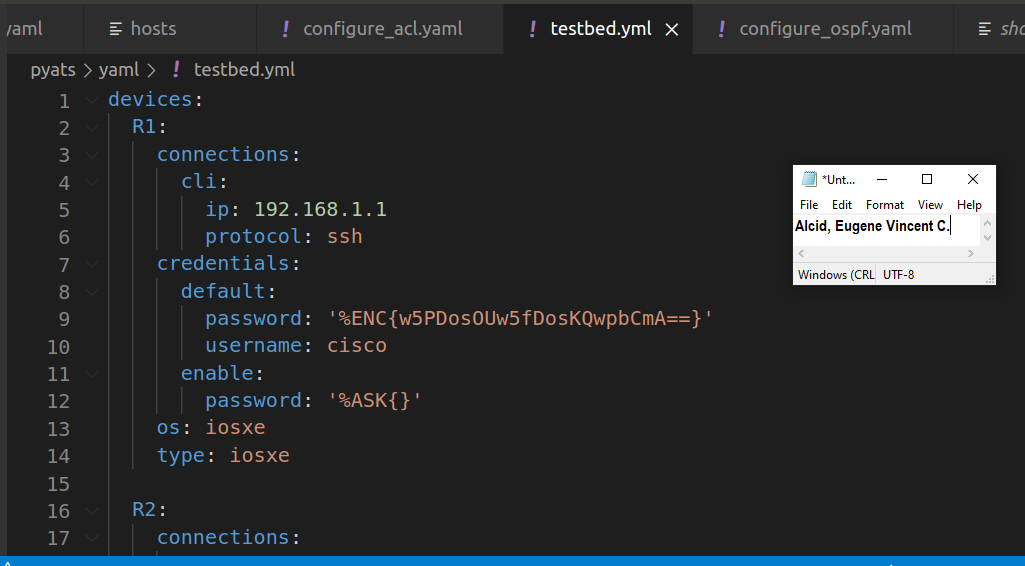
**Output of acl yaml**

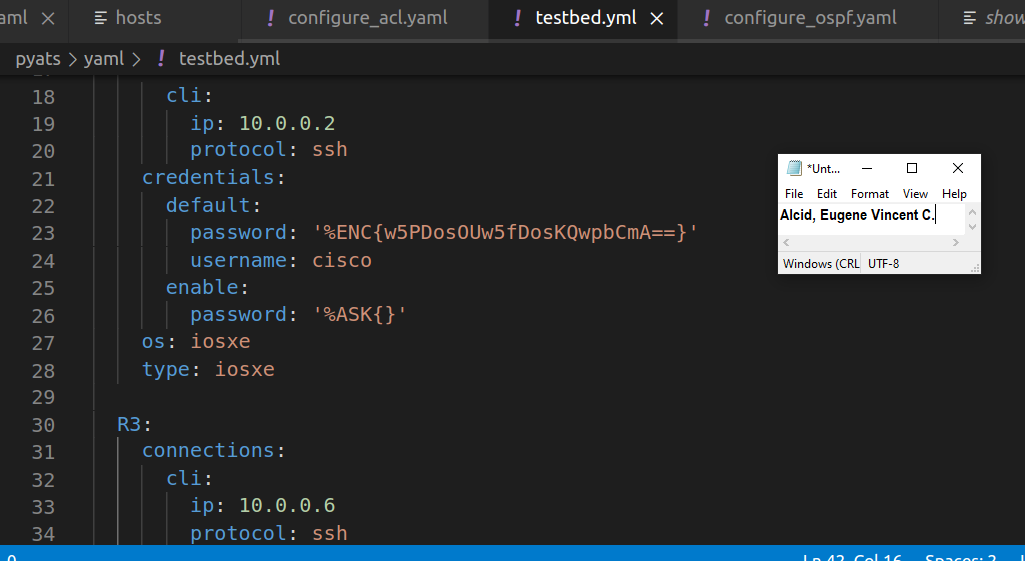


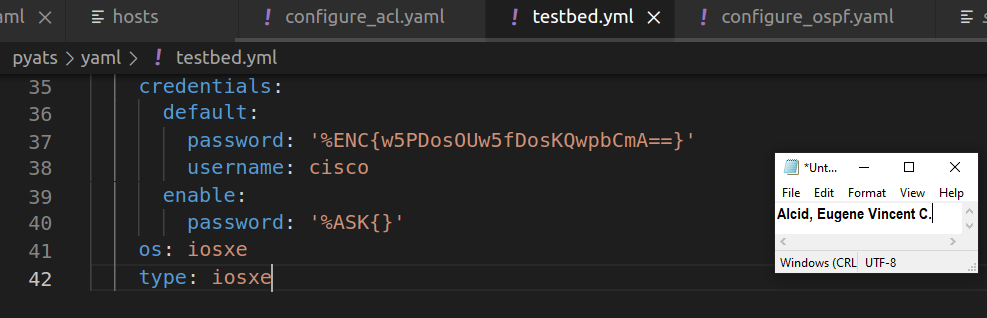




**testbed.yml**

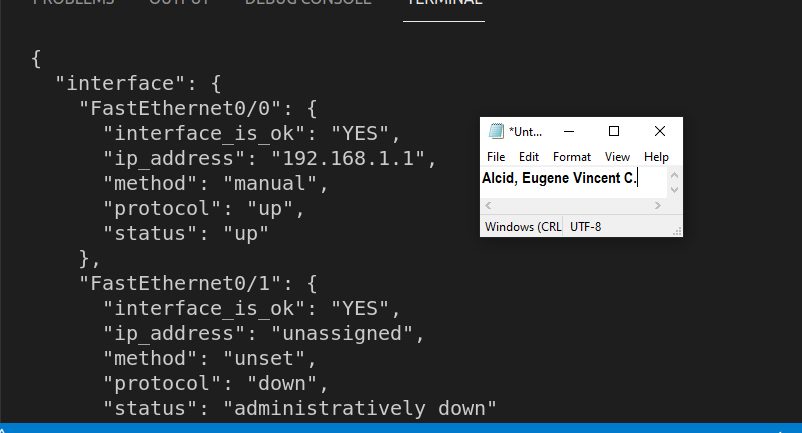


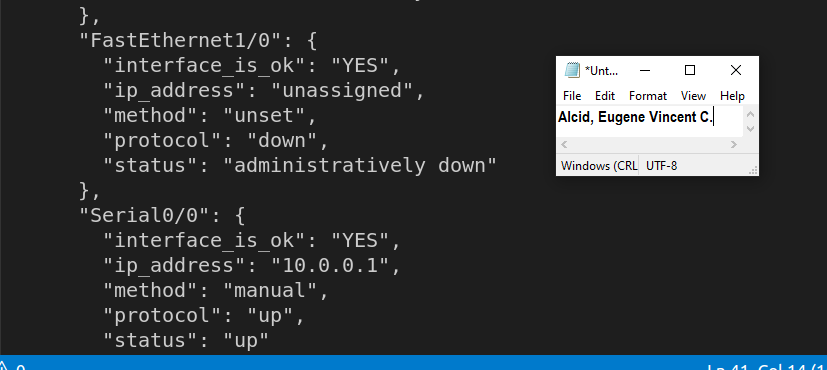


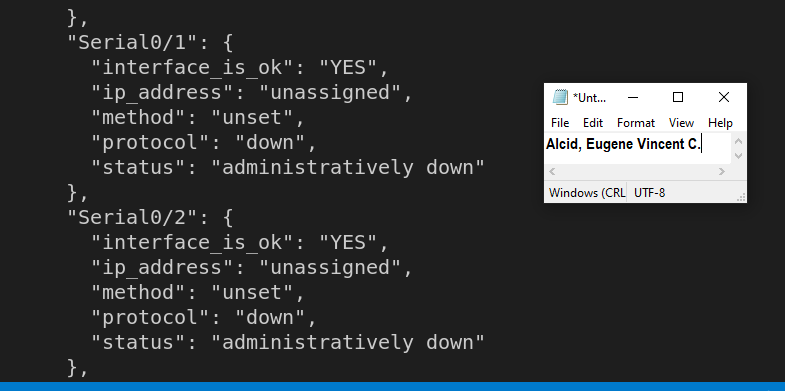


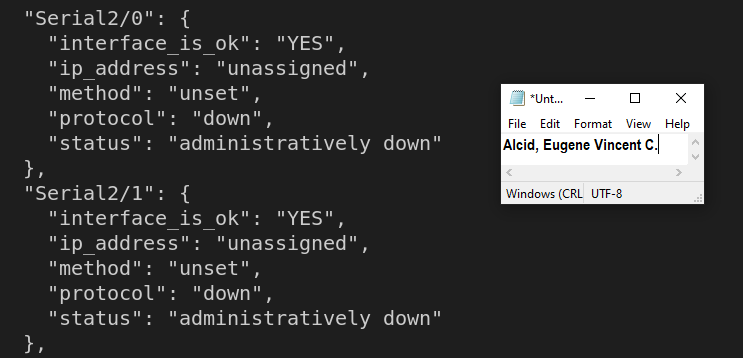
**genie parse "show ip interface brief" --testbed-file yaml/testbed.yml**

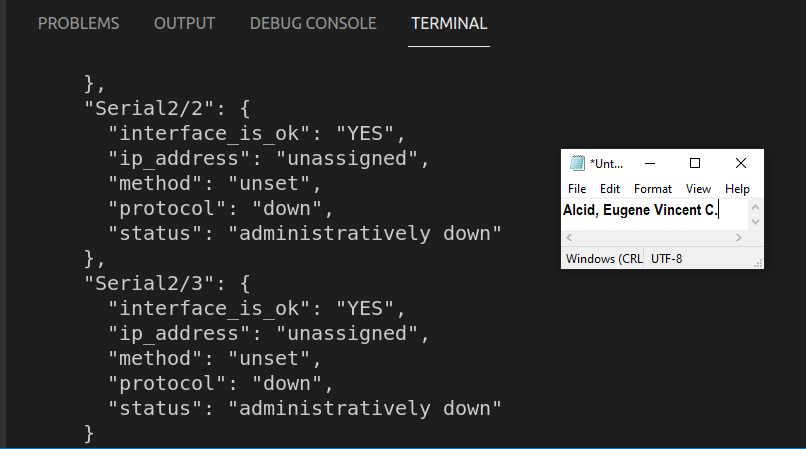
**R1**



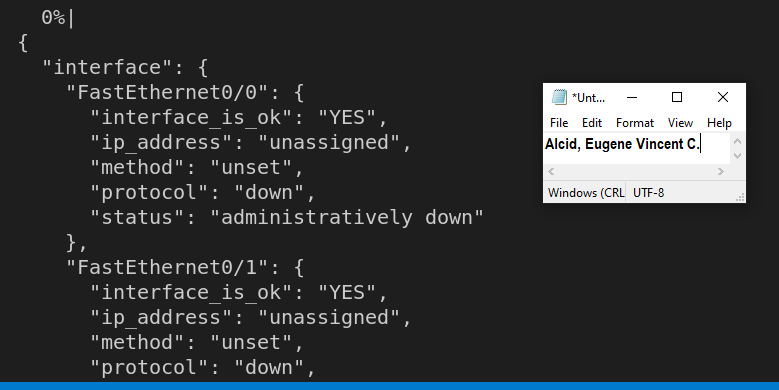


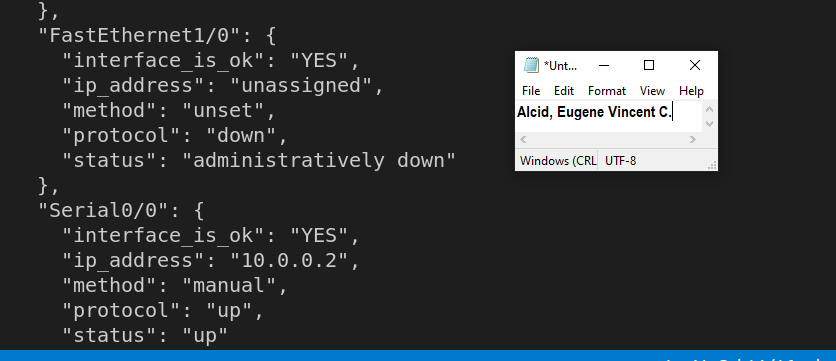


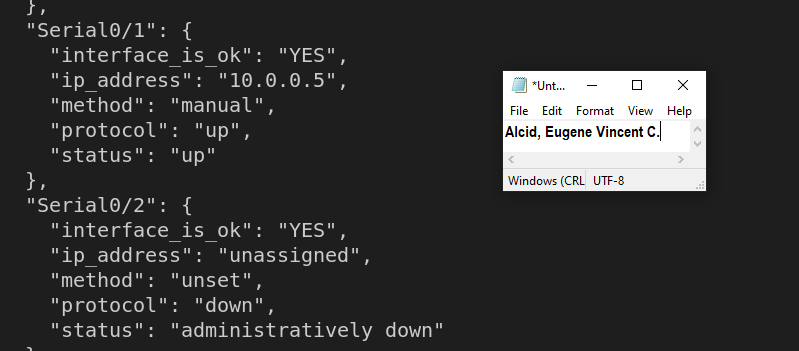


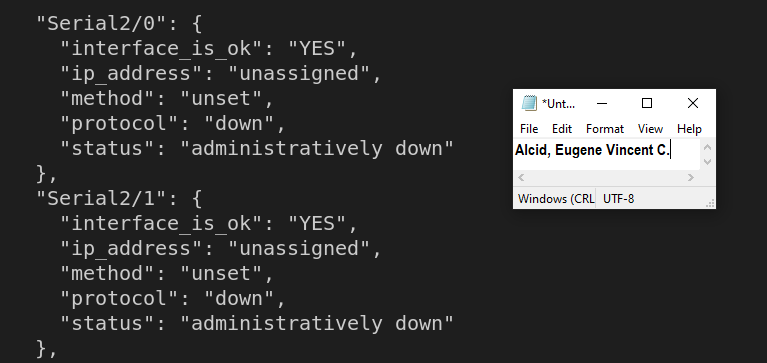


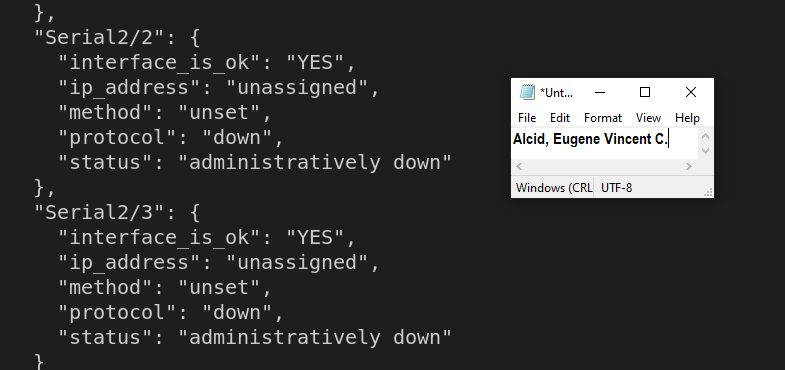
**R2**



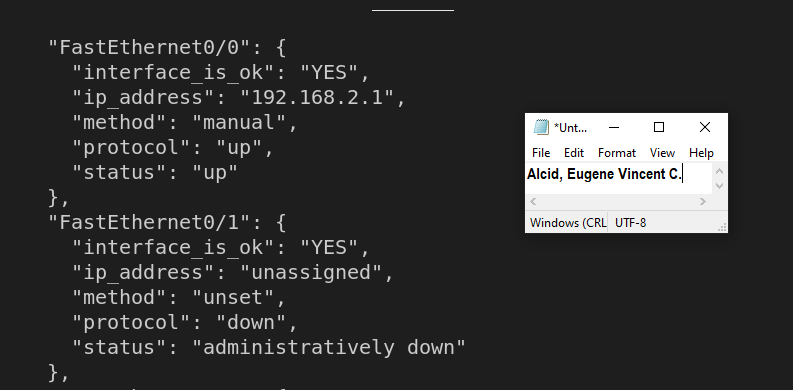


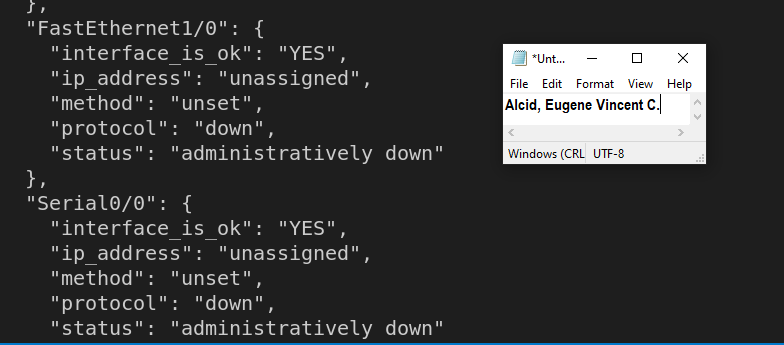


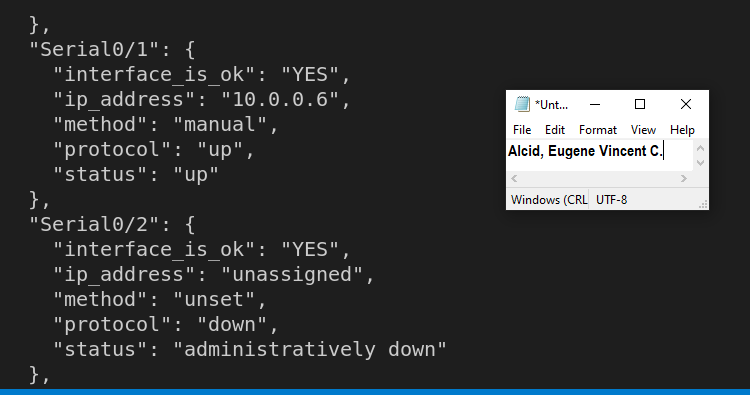


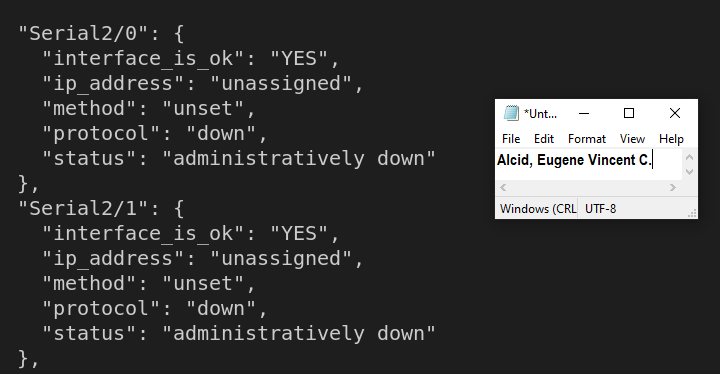


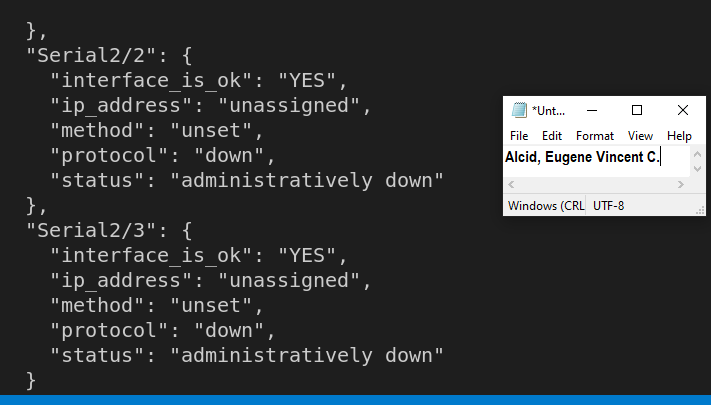
**R3**





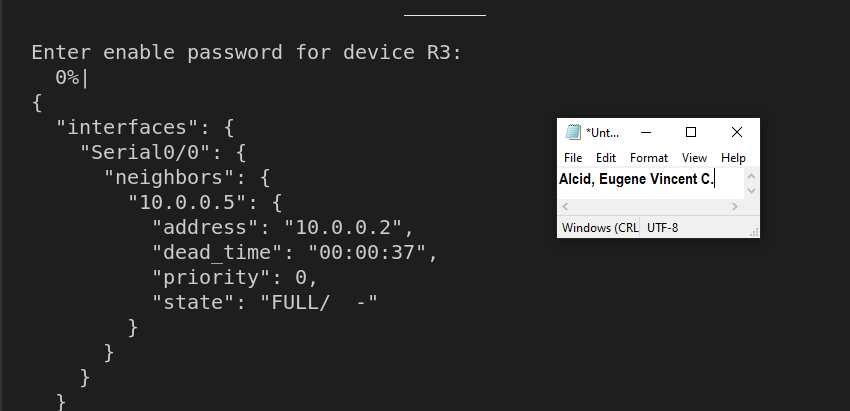




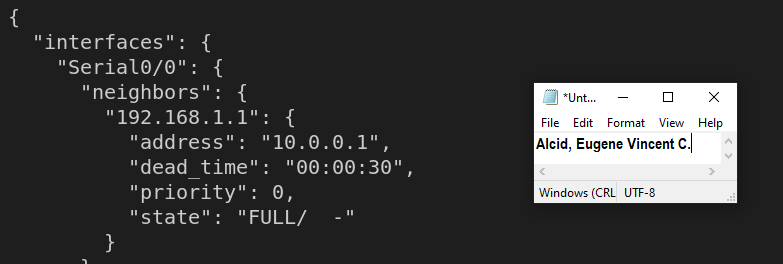


**genie parse "show ip ospf neighbor" --testbed-file yaml/testbed.yml**

**R1**

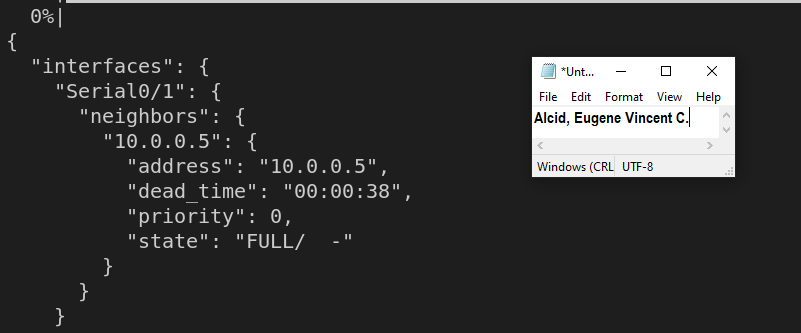


**R2**





**R3**



**Video and GNS3 Files**

**https://drive.google.com/drive/folders/1xJMmGSbHiz\_FGqkP25kAwck1GiuUz32C?usp=sharing**