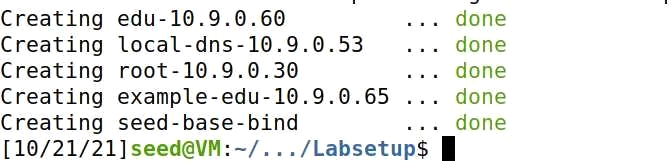
Advanced Computer Networking & Security

Lab Report : 7- DNS in a box

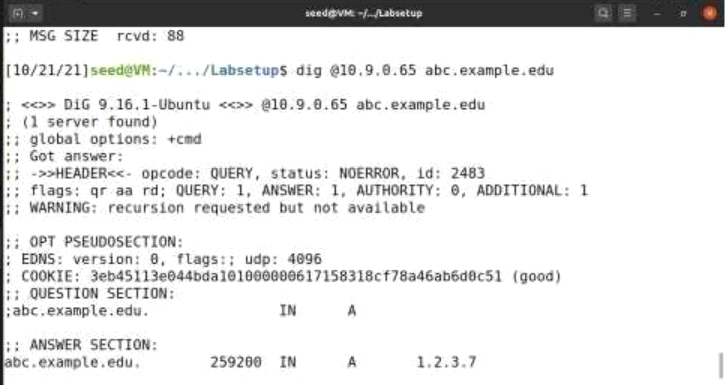
700727822

Step : 1 : Initiate docker

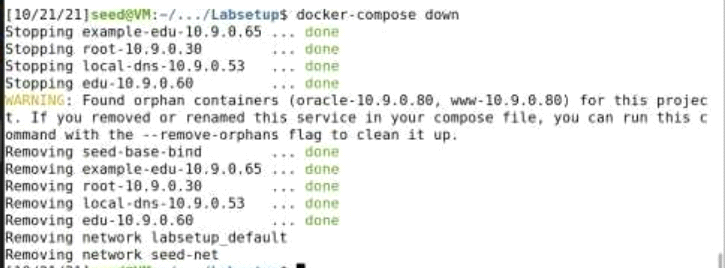
Step 2 : executing dig command to check the server



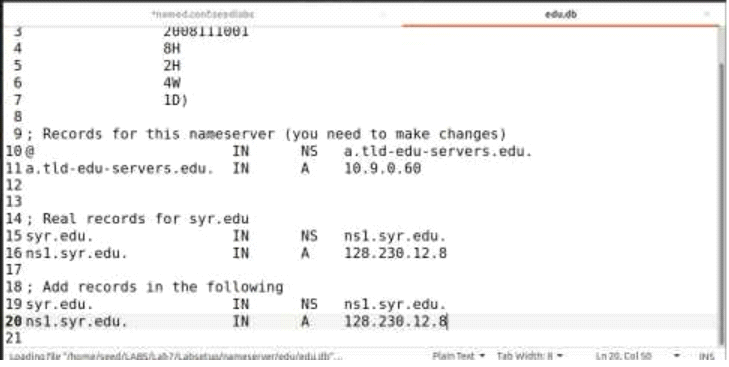
Step 3 : Now checking with abc.example.edu



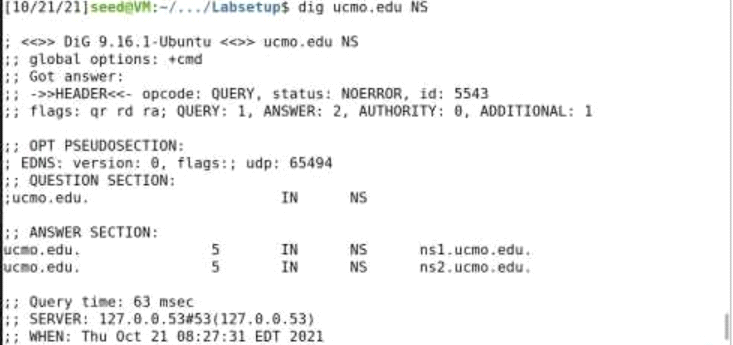
Step 4 : Turning off the docker



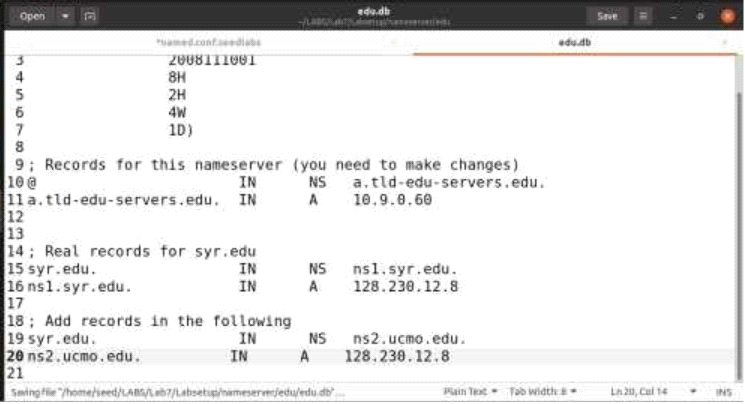
Step 5



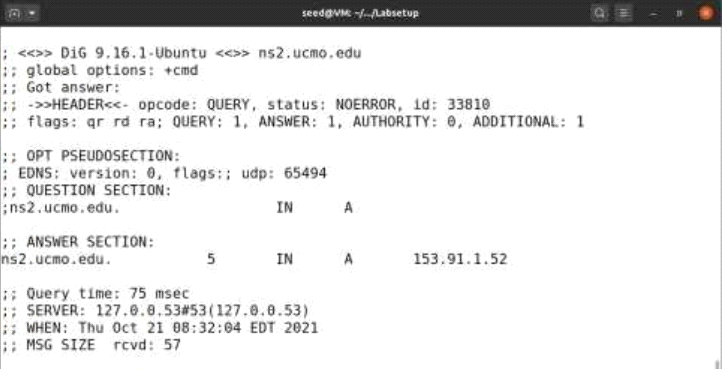
Step 6



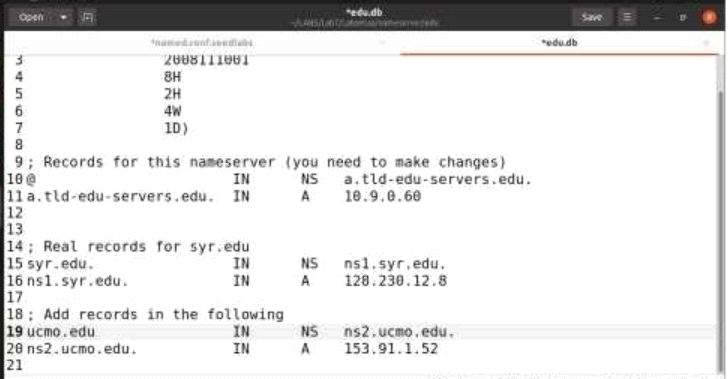
Step 7



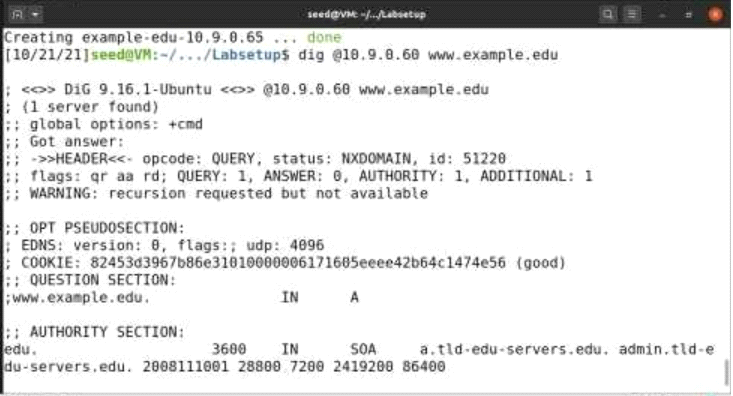
Step 8



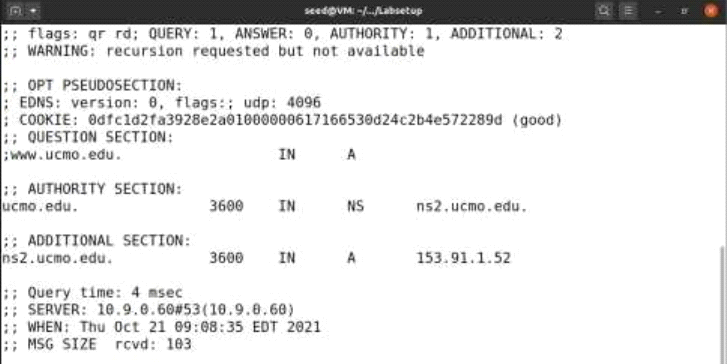
Step 9



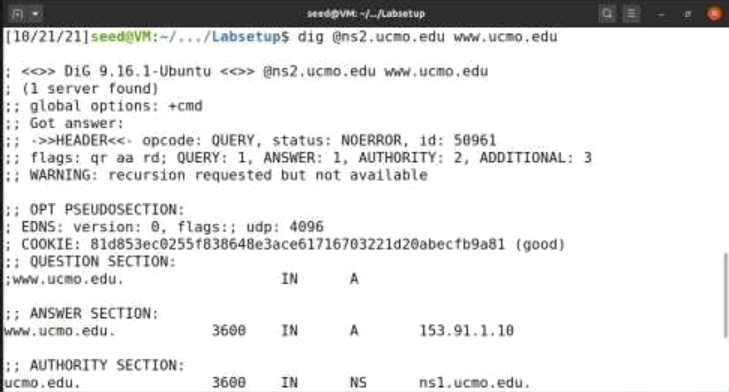
Step 10



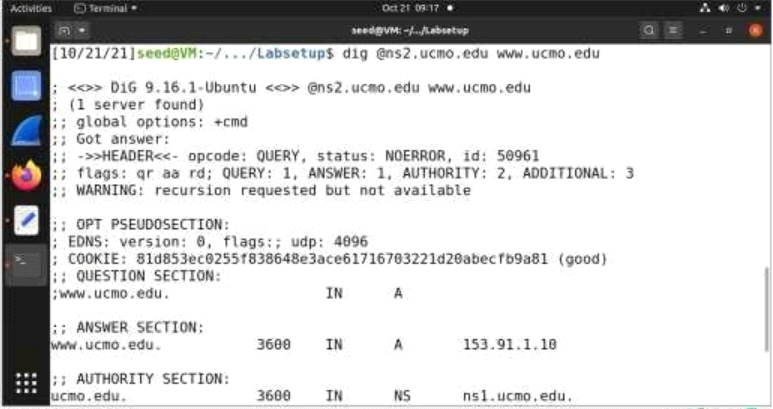
Step 11



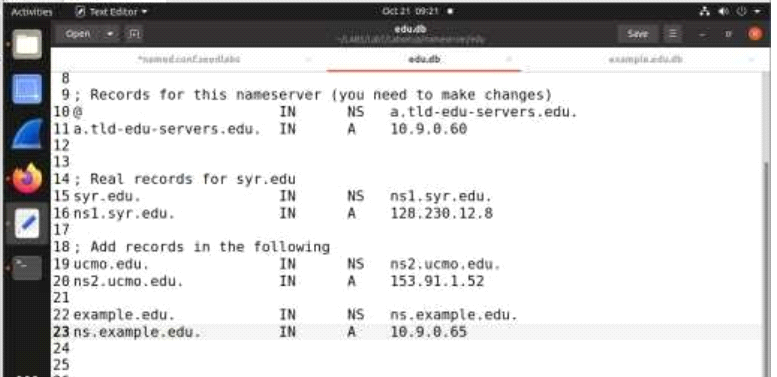
Step 12



Step 13



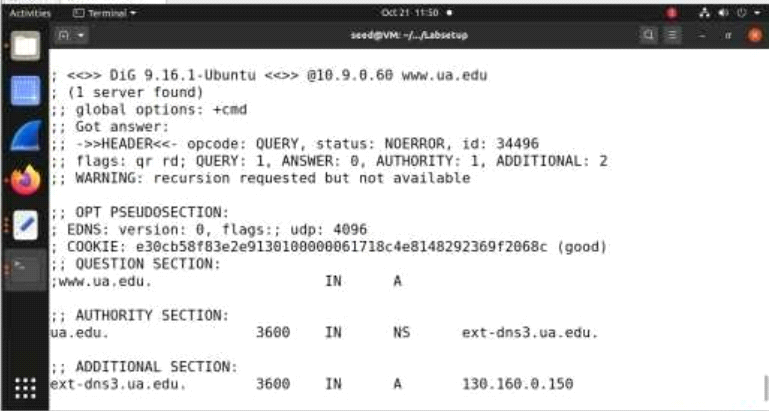
Step 14



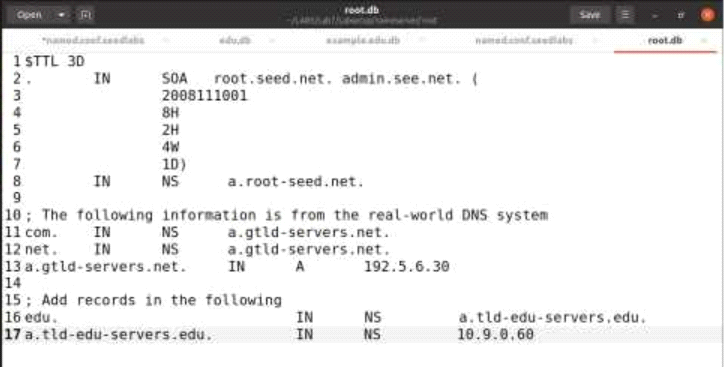
Step 15 Adding domains

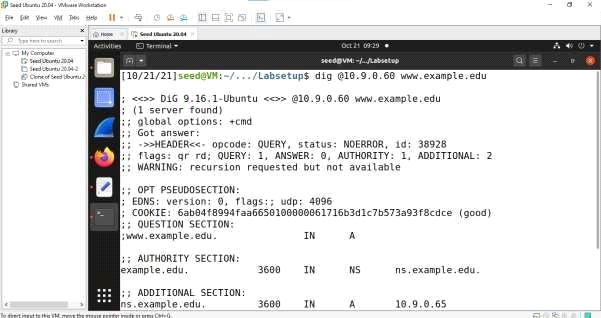


Step 16 Check for ua.edu

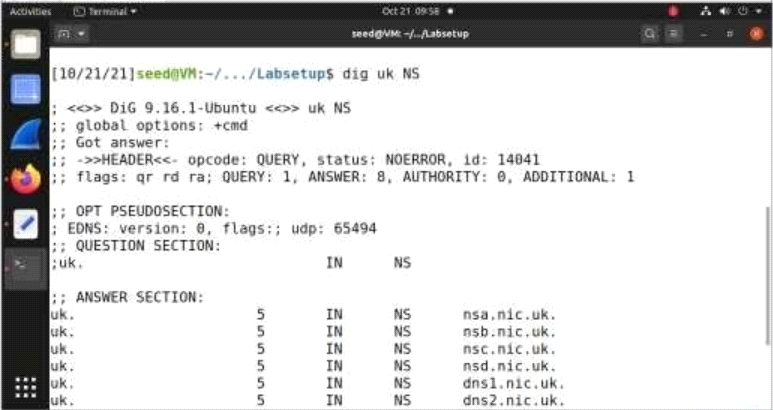


Step 17 Changing in root file

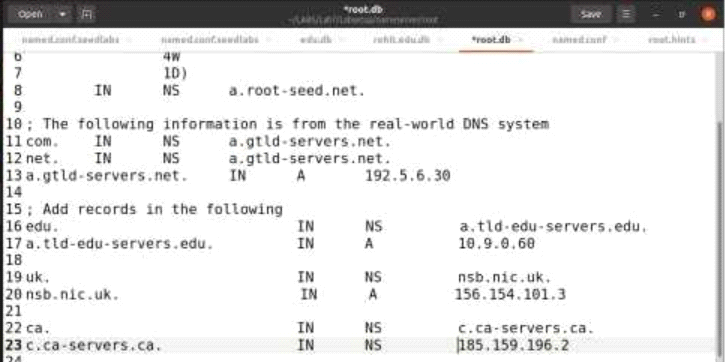




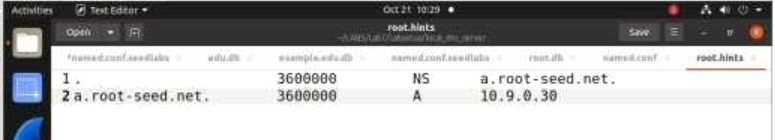
Step 18 dig uk NS

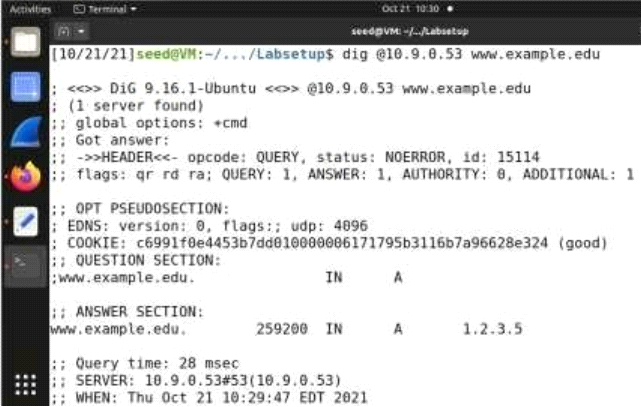


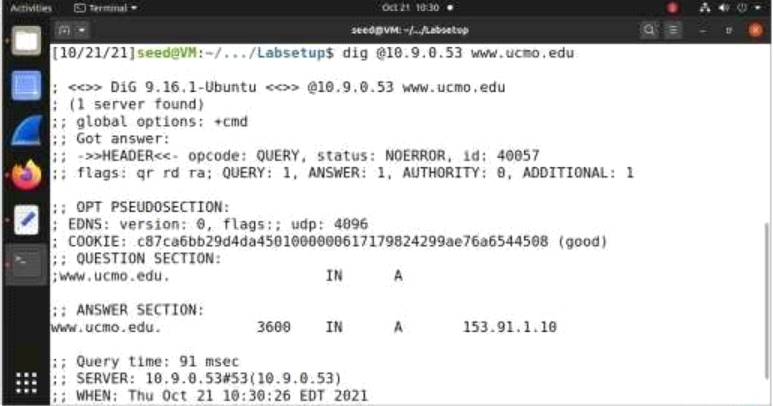
Step 19 Adding canada

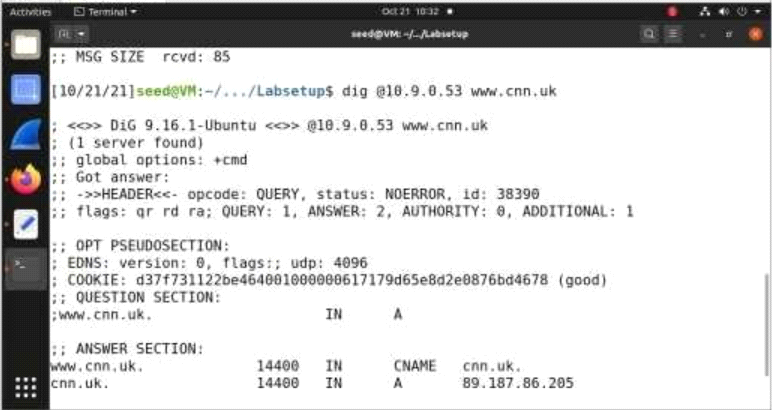


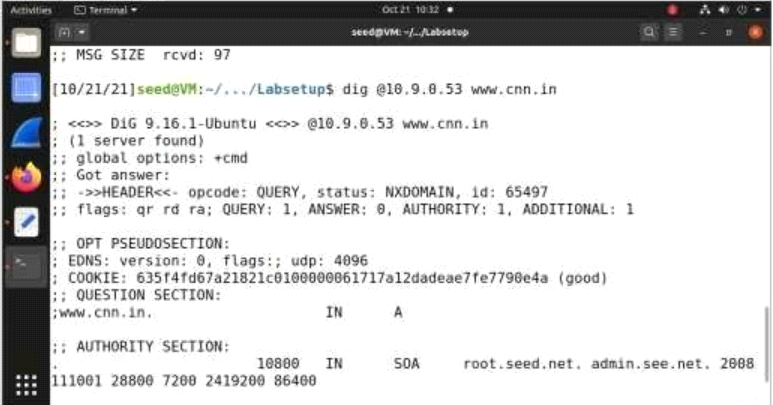
Task 5



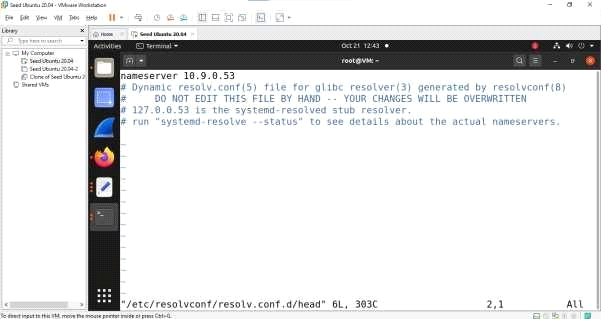




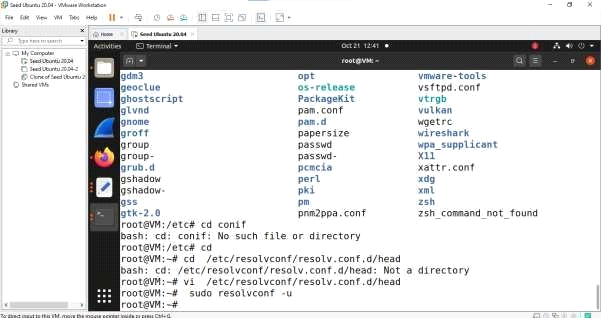




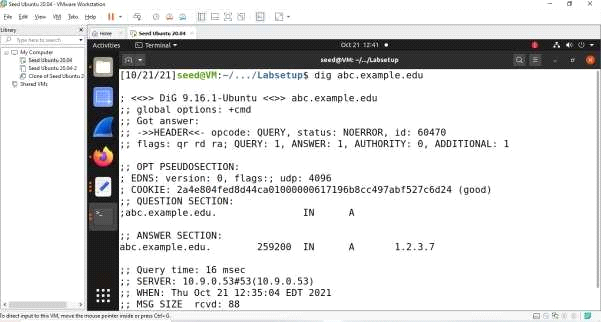
Task 6: Configure our VM to use this local DNS server

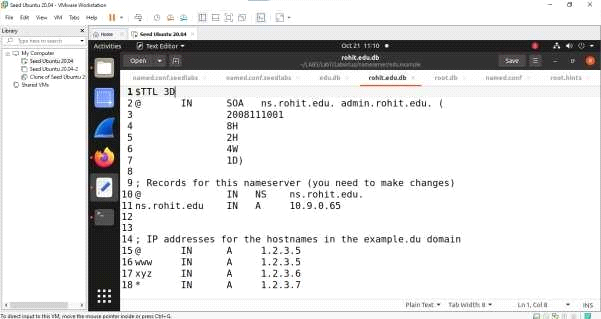


Executing resolvconf -u

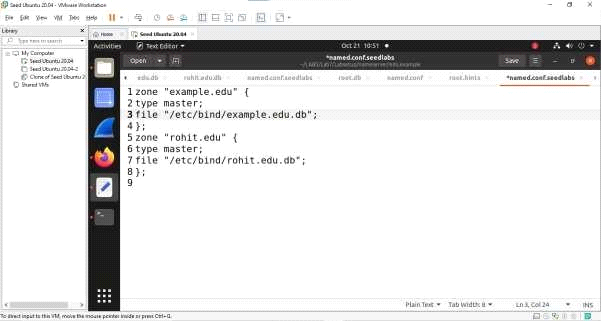


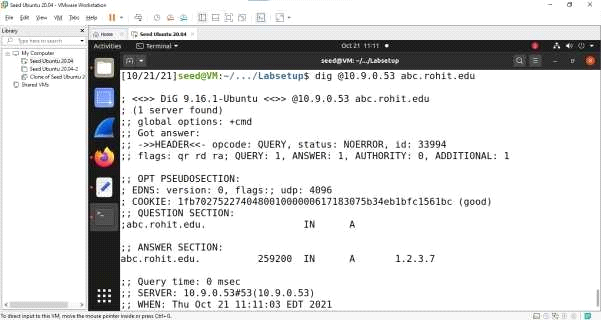
Successfully removed the ip address and checked using dig



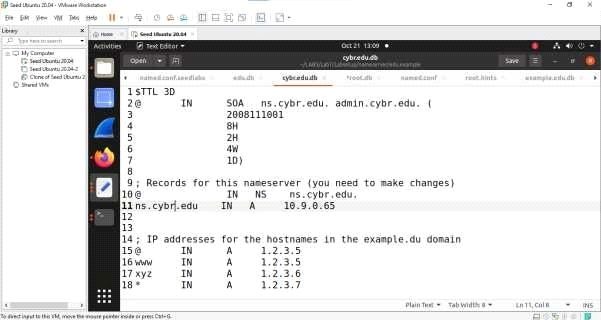
Task 7: Making It More Realistic

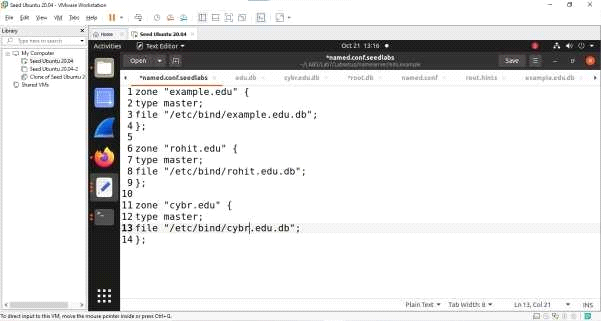




Successfully zone is created on my name

Creating one more zone





Successfully checked with another zone too