

## Homework 7

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Shell Script - 4webservers.sh

Ansible playbook - webserver.yaml

Test apache page = ansible\_index.html

### Pre Setup:

1. Ensure that all of the machines are on the same network
2. Add the IP address of the hosts to the top of the 4webservers.sh in the variables (under the #TODO tag)
3. Chmod 755 4webservers.sh

### Steps:

1. Run the shell script which:
2. Generates the ssh key
  - a. If you do have a key,
    - i. Hit enter to make the key in the default directory
    - ii. answer no to overwriting the file
  - b. If you dont have a key
    - i. Hit enter to enable default options for key
3. Next, the script will copy keys to the devices
  - a. If you have never connected
    - i. Select "yes" that you would like to connect to the machine
    - ii. Enter the machines password
4. The Ansible playbook will run
  - a. Ideally, everything should be orange and green
  - b. If it is not, remove the virtual machine and restart