

# CSC 2510: DevOps

## Lab 14 – Ansible Galaxy

### General Instructions

Using your book and previous lecture material, fill out this assignment sheet. **Use red text to signify your answers.**

### Submission Instructions

To submit, **change the name in the header** and save this document as a PDF. Attach your PDF document to the iLearn dropbox.

### Lab Instructions

- Use Ansible documentation to change your playbook from installing Apache yourself to using the Ansible Galaxy role found [here](#). Resources you may find helpful are listed below.
  - a. [https://docs.ansible.com/ansible/latest/galaxy/user\\_guide.html](https://docs.ansible.com/ansible/latest/galaxy/user_guide.html)
  - b. [https://linuxhint.com/using\\_ansible\\_galaxy/](https://linuxhint.com/using_ansible_galaxy/)
  - c. <https://www.educba.com/ansible-galaxy/>

### Lab Questions

1. (2) What is Ansible Galaxy? **It is a web-based online and open-source repository for sharing and finding Ansible content including roles, modules, plugins, or collections (mostly roles and collections) related to Ansible automation, providing pre-packaged solution from other people, or quickly jump-start automation projects.**
2. (2) How is Ansible Galaxy useful? **It helps to prevent code repetition and get Ansible projects done faster.**
3. (2) How might you use Ansible Galaxy in a personal or professional project? **When a project requires several automation to be performed via Ansible, Ansible Galaxy would provide efficient solutions for various tasks on the playbook that involves infrastructure as a code or configuration as a code. For example, if I need mutiple packages, software, configurations, and drivers on many machines to operate a massive gaming tournament, PC cafe, or company office PCs, it could be more efficient to write the playbook by utilizing the Ansible Galaxy.**