

## CMPE-272 Enterprise Software Platforms - Assignment 1

Group Name: BackBenchers

Group Git Repository: <https://github.com/cpati/kalpa.git>

### Members:

Member Name	SJSU ID	Git Repository
Gyanesh Pandey	012506936	<a href="https://github.com/gyaneshpandey09/CMPE-272">https://github.com/gyaneshpandey09/CMPE-272</a>
Chidananda Pati	012506949	<a href="https://github.com/cpati/EntSWPlatforms.git">https://github.com/cpati/EntSWPlatforms.git</a>
Puja Kawale	012506156	<a href="https://github.com/pujakb/PKESP">https://github.com/pujakb/PKESP</a>
Shalini Narang	012507573	<a href="https://github.com/ShaliniMNarang/EntSWPlatforms">https://github.com/ShaliniMNarang/EntSWPlatforms</a>

**Problem statement :** Configure Ansible and create playbook to deploy and undeploy webserver on port 80. Display a publicly accessible webpage that displays “Hello World”

### Solution:

1. Ansible was downloaded and configured on Ubuntu 16.04.
2. Created file **ansible.cfg** which has the reference to the hosts file.
3. Created **hosts** file which has the details of the host where we wish to deploy the webserver.
4. Created playbook **apacheconfig.yml** which has tasks defined to create apache webserver on the suggested host and start the webserver. It also pulls the **index.html** file from the **git** repository and deploys it on the webserver.
5. Created playbook **apacheuninstall.yml** which has tasks defined to remove the html file and uninstall the apache webserver.