**Sample Automation**

Write automation (preferably in ansible, but any set of tools is acceptable) that achieves the following:

* Targets a Linux system (local or remote)
* Accepts an input or ansible extra -e variable that specifies a port number at run time
  + If using ansible, the input variable should be named apache\_port
  + If using a scripting language, port should be a command line argument
* Creates a system group
  + Group Name: sample
  + Group ID: 2022
* Creates 10 system users that exhibit the following
  + Usernames:
  + sample1, sample2, sample3, ..., sample10
  + Each user should have primary group sample (created above)
  + Each user should have an ssh key pair generated and placed in the .ssh directory within that user's home folder
    - SSH Key Type: RSA
    - SSH Key Size: 4096 bits
* Installs and runs an apache web server
  + Apache can run in a container or directly on the Linux machine
  + Configure apache to listen on the port specified in the accepted input variable from step 2
  + The service should be configured to run when the target machine is powered on
  + Create a file called index.html with the following HTML content: KLD Sample Application
  + Using automation, copy the index.html file to the default Web Content Directory of your Apache installation
* Tests that the listening port is accepting web traffic
  + Make a request to the apache server
  + Print the response code from the previous request

app.yml playbook