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Course/Section: CPE 212-CPE31S21	**Date Submitted**: September 20, 2024
Instructor: Engr. Robin Valenzuela	**Semester and SY**: 1st Semester/ 2024-2025
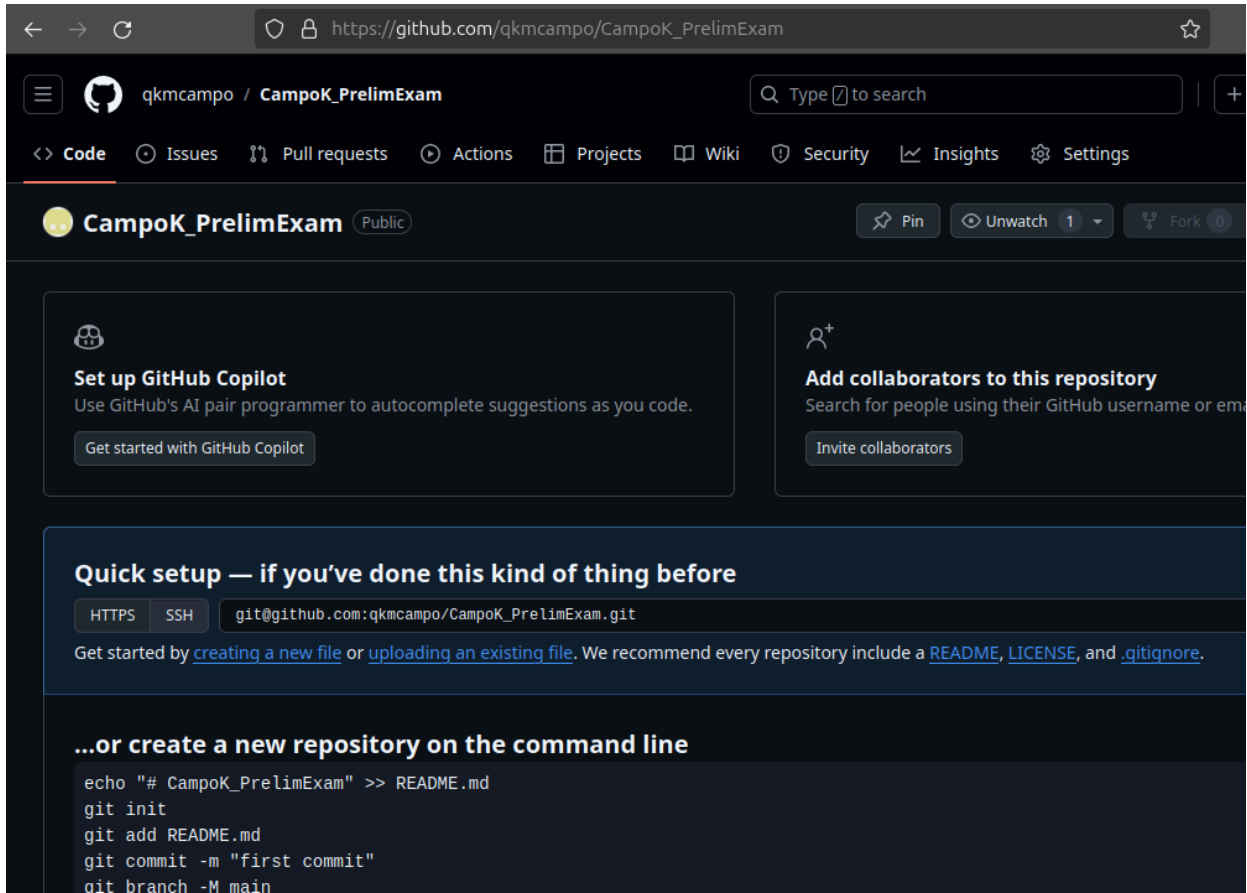
```
kcampo@kcampo-VirtualBox:~$ sudo apt install python3
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
python3 is already the newest version (3.12.3-0ubuntu2).
python3 set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 9 not upgraded.
kcampo@kcampo-VirtualBox:~$ sudo apt install python3 pip
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Note, selecting 'python3-pip' instead of 'pip'
python3 is already the newest version (3.12.3-0ubuntu2).
The following additional packages will be installed:
  binutils binutils-common binutils-x86-64-linux-gnu build-essential bzip2 dpkg
  g++-13-x86-64-linux-gnu g++-x86-64-linux-gnu gcc gcc-13 gcc-13-x86-64-linux-g
  javascript-common libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgori
  libcc1-0 libctf-nobfd0 libctf0 libdpkg-perl libexpat1-dev libfakeroot libfile
  libgprofng0 libhwasan0 libitm1 libjs-jquery libjs-sphinxdoc libjs-underscore
  libpython3.12-dev libquadmath0 libsframe1 libstdc++-13-dev libtsan2 libubsan
  python3-setuptools python3-wheel python3.12-dev zlib1g-dev
Suggested packages:
```

```
                        privilege escalation method to use (default=sudo), use `ansible-doc -t become -l` to list
                        valid choices.
  --become-user BECOME_USER
                        run operations as this user (default=root)
  -b, --become          run operations with become (does not imply password prompting)
kcampo@kcampo-VirtualBox:~$ nano install_config.yml
kcampo@kcampo-VirtualBox:~$ nano install_config.yml
kcampo@kcampo-VirtualBox:~$ nano install_config.yml
kcampo@kcampo-VirtualBox:~$ ansible-playbook --ask-become-passinstall_python.yml
usage: ansible-playbook [-h] [--version] [-v] [--private-key PRIVATE_KEY_FILE] [-u REMOTE_USER] [-c CONNECTION]
                        [-T TIMEOUT] [--ssh-common-args SSH_COMMON_ARGS] [--sftp-extra-args SFTP_EXTRA_ARGS]
                        [--scp-extra-args SCP_EXTRA_ARGS] [--ssh-extra-args SSH_EXTRA_ARGS]
                        [-k | --connection-password-file CONNECTION_PASSWORD_FILE] [--force-handlers] [--flush-cache]
                        [-b] [--become-method BECOME_METHOD] [--become-user BECOME_USER]
                        [-K | --become-password-file BECOME_PASSWORD_FILE] [-t TAGS] [--skip-tags SKIP_TAGS] [-C] [-D]
                        [-i INVENTORY] [--list-hosts] [-l SUBSET] [-e EXTRA_VARS] [--vault-id VAULT_IDS]
                        [-J | --vault-password-file VAULT_PASSWORD_FILES] [-f FORKS] [-M MODULE_PATH] [--syntax-check]
                        [--list-tasks] [--list-tags] [--step] [--start-at-task START_AT_TASK]
                        playbook [playbook ...]
ansible-playbook: error: the following arguments are required: playbook
```

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                              kcampo@kcampo-VirtualBox: ~/ansible-playbook

be elsewhere in the file depending on the exact syntax problem.

The offending line appears to be:

  tasks:
    - name: print message
        ^ here
kcampo@kcampo-VirtualBox:~/ansible-playbook$ nano config.yml
kcampo@kcampo-VirtualBox:~/ansible-playbook$ ansible-playbook -i inventory config.yml -u sammy
[WARNING]: Unable to parse /home/kcampo/ansible-playbook/inventory as an inventory source
[WARNING]: No inventory was parsed, only implicit localhost is available
[WARNING]: provided hosts list is empty, only localhost is available. Note that the implicit localhos
'all'

PLAY [all] *******************************************************************************************
skipping: no hosts matched

PLAY RECAP *******************************************************************************************

kcampo@kcampo-VirtualBox:~/ansible-playbook$ nano config.yml
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skipping: no hosts matched

PLAY RECAP *******************************************************************************************

kcampo@kcampo-VirtualBox:~/ansible-playbook$
```

Repository link: git@github.com:qkmcampo/CampoK_PrelimExam.git

Conclusion:

In this prelim exam we used to create an inventory file and ansible i used to manage to install the python3, pip and java open jdk but i don't know if my work is correct. I'm thinking if i'm going to install python3, pip and java open jdk inside the ansible. There's an error in creating the playbook. I also tried to put MOTD inside the config.yml but the output is warning: no inventory was parsed, only implicit local host is available. So I didn't make the activity right.