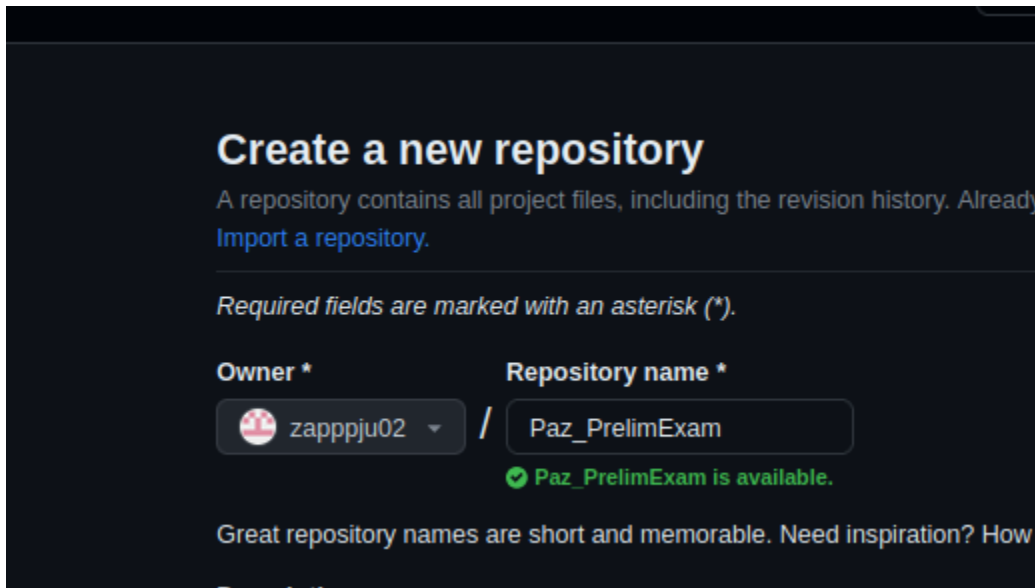| Prelim Exam	
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Section: CPE31S6	Date Submitted: September 29, 2023
Course: CPE 232	Prof: Dr. Jonathan V. Taylar

Create a new repository

A repository contains all project files, including the revision history. Already
Import a repository.

Required fields are marked with an asterisk (*).

Owner *   Repository name *

   🔴 zapppju02 ▾   /   Paz_PrelimExam

✅ Paz_PrelimExam is available.

Great repository names are short and memorable. Need inspiration? How

1. I create a new repository for the Prelim Exam named: Paz_PrelimExam


```
jgpaz@workstation:~$ git clone git@github.com:zapppju02/Paz_PrelimExam.git
Cloning into 'Paz_PrelimExam'...
Warning: Permanently added the ECDSA host key for IP address '192.30.255.112' to
 the list of known hosts.
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
jgpaz@workstation:~$ ls
clear       Documents        Music           Pictures   Templates
clear.pub   Downloads        Paz_PrelimExam  Public     Videos
Desktop     examples.desktop Pazsysads6      sysads6
```

Input:

```
  GNU nano 2.9.3                        ansible.cfg

[defaults]

inventory = inventory
host_key_checking = False

deprecation_warnings= False

remote_user = jgpaz
private_key_file = ~/.ssh/rsa.pub
```

config.yml

```
---
- hosts: all
  become: yes
  tasks:

  - name: install python3 and pip3
      package:
        name:
          - python3
          - python3-pip
        state: latest

  - name: use pip3 as default pip
    pip:
       name: pip
       executable: pip3
```

```
- name: install java open-jdk
  dnf:

- name:

     - java-11-openjdk-devel
    state: latest
    update_cache: yes
  when: ansible_distribution == "CentOS"

- name: install java open-jdk
  apt:
```

```
[[c c [ERROR]: User interrupted execution
jgpaz@workstation:~/Paz_PrelimExam$ ansible-playbook --ask-become-pass config.yml
BECOME password:
[WARNING]: While constructing a mapping from
/home/jgpaz/Paz_PrelimExam/config.yml, line 8, column 9, found a duplicate dict
key (name). Using last defined value only.
[WARNING]: While constructing a mapping from
/home/jgpaz/Paz_PrelimExam/config.yml, line 8, column 9, found a duplicate dict
key (prompt). Using last defined value only.
[WARNING]: While constructing a mapping from
/home/jgpaz/Paz_PrelimExam/config.yml, line 8, column 9, found a duplicate dict
key (private). Using last defined value only.
input your own UID: uid

PLAY [all] ********************************************************************

TASK [Gathering Facts] *******************************************************
ok: [192.168.56.103]
ok: [192.168.56.102]

TASK [Banner MOTD] ***********************************************************
ok: [192.168.56.102] => {
    "msg": [
        [
            "Ansible Managed Node by Paz, done on 192.168.56.102"
        ]
    ]
}
ok: [192.168.56.103] => {
    "msg": [
        [
            "Ansible Managed Node by Paz, done on 192.168.56.103"
        ]
    ]
}

TASK [install python3 and pip3] *********************************************
changed: [192.168.56.103]
changed: [192.168.56.102]

TASK [install java open-jdk in ubuntu] **************************************
changed: [192.168.56.103]
changed: [192.168.56.102]

TASK [install java open-jdk in CentOS] **************************************
skipping: [192.168.56.102]
```

```
TASK [install python3 and pip3] *****************************************
changed: [192.168.56.103]
changed: [192.168.56.102]

TASK [install java open-jdk in ubuntu] **********************************
changed: [192.168.56.103]
changed: [192.168.56.102]

TASK [install java open-jdk in CentOS] **********************************
skipping: [192.168.56.102]
skipping: [192.168.56.103]

TASK [Create a user] ****************************************************
fatal: [192.168.56.102]: FAILED! => {"msg": "The task includes an option with an undefined variab
efined\n\nThe error appears to be in '/home/jgpaz/Paz_PrelimExam/config.yml': line 46, column 5,
pending on the exact syntax problem.\n\nThe offending line appears to be:\n\n\n  - name: Create a
fatal: [192.168.56.103]: FAILED! => {"msg": "The task includes an option with an undefined variab
efined\n\nThe error appears to be in '/home/jgpaz/Paz_PrelimExam/config.yml': line 46, column 5,
pending on the exact syntax problem.\n\nThe offending line appears to be:\n\n\n  - name: Create a

PLAY RECAP **************************************************************
192.168.56.102             : ok=4    changed=2    unreachable=0    failed=1    skipped=1    rescu
192.168.56.103             : ok=4    changed=2    unreachable=0    failed=1    skipped=1    rescu

jgpaz@workstation:~/Paz_PrelimExam$
```

```
jgpaz@workstation:~/Paz_PrelimExam$ python3 --version
Python 3.6.9
jgpaz@workstation:~/Paz_PrelimExam$ pip3 --version
pip 21.3.1 from /home/jgpaz/.local/lib/python3.6/site-packages/pip (python 3.6)
jgpaz@workstation:~/Paz_PrelimExam$ java --version

Command 'java' not found, but can be installed with:

sudo apt install default-jre
sudo apt install openjdk-11-jre-headless
sudo apt install openjdk-8-jre-headless
```