**Push your terraform files into a GitHub repository (Don’t use your office network during this configurations)**

* Create a repository in your GitHub account
* Open terminal in VSCode by ‘ ctrl + shift + ` ’
* Check are you inside that folder where your main.tf file is present
* Run the below commands (connecting with the repository for first time)
  + Git init
  + Git branch -M main
  + Git remote add origin [git@github.com:<git hub account username>/<repository\_name>.git](mailto:git@github.com:%3cgit%20hub%20account%20username%3e/%3crepository_name%3e.git)
  + Git add main.tf
  + Git commit -m “first commit”
  + Git push -u origin main
* Run the below commands (If repository is already connected and you have changed something in your terraform files and you want to push those changes into GitHub repository)
  + Git add main.tf
  + Git commit -m “second commit”
  + Git push origin main

**Create Workspace in terraform cloud**

* Open your terraform cloud account by visiting this website <https://app.terraform.io/app/kausikporey/workspaces>
* Click on ‘New’ and Select ‘Workspace’ from the dropdown menu
* Select ‘Version Control Workflow’
* Select ‘GitHub’ and select ‘GitHub.com’ from dropdown menu
* Click on the button ‘Authorize Terraform Cloud’
* After doing this step if are getting ‘failed to install’ error then it is because of your browser is blocking the ‘pop-up’ window. Allow ‘pop-up’ in your browser then follow the previous two steps again
* Select the GitHub repository where you have pushed your main.tf file
* Then click on ‘Create Workspace’

**Create Variable in your sentinel workspace**

* Open your terraform cloud account by visiting this website <https://app.terraform.io/app/kausikporey/workspaces>
* Select the existing workspace where you want to store your variable
* Click on ‘Variables’ from the side menu bar
* Click on ‘+ Add variable‘ button
* In the ‘Key’ field write ‘AWS\_ACCESS\_KEY\_ID’
* In the ‘Value’ take paste the value which you have taken from your aws account
* Check the ‘sensitive’ box
* Click on ‘Add variable’ button
* Like these create two more variables
  + AWS\_SECRET\_ACCESS\_KEY
  + AWS\_DEFAULT\_REGION

**Generate mocks of yours terraform configuration**

* Open your terraform cloud account
* Go to your existing workspace
* Click on ‘Actions’ and select ‘Start new run’ from the dropdown
* Select ‘Choose run type’ = ‘Plan only’
* Click on ‘Start run’ button
* When your run will be completed you will get a button ‘Download Sentinel mocks’
* Click on that button to download your mocks
* Unzip the folder which you have downloaded