F) Connect your AWS to Serverless framework you will shown multiple options, you can select any. Here I am using (reate AMS JAM Role (tary and recommended). method! Connect. In these a URL will be shown, you have to open i into your bouser and sign-in with AWS account. Scholldo and click on create stack. 3) How our serverless service es ready to deploy to it we somewess deploy. After Sucrestil deployment was ce will get a URL of Serverless REST Api endpoint. 19) MPSPH the provided URL. As we can see, that the sereturns the system enformation. 92. Create your own profile in Somorquibe Por testing. O (reate a local project in Sonorqube dashboard 3) create quality profile select language and name the quality profile. 3) Activate security checks according to your project 9) Assego created quality profile to project Go to the project section and select the project are just Created. Then go to project settings situated at right. florner and select quality profiles Add language s gour project and select the created quality profile. D sot up Jenkins, open Jenkins doshboard and create new item. (6) Name the project and select item type as pipeling F) no to the pipeline script section and paste the daram FOR EDUCATIONAL USE

the python project named as requests, a simple time jou willbrary Te I of check on Bield now! meth As we can see our analyses es completed in Jonking o ope Scroll dashboard our analyses es passed in Sonarque also in accordance with
the specified qualety profiles which we created carrier. title . I we sonardoud to analyze your gethub code. the & O Span up on Sonarcloud B) Create a new project ?s Sonar cloud 3) book the repository of your choice into your github account shing & click on "import an organization from github" 1) hive arress permession to repository you want to bri analyze. (6) A Summary will be shown, choose free plan and click name on " (made organization". Eselect the repositionies under created organization and set up than ject_ 8) Select analysis method. 10 1) Analysis will be storted word for sometime until analysis eju right gets completed. As we can see our analyses is completed. Sicress hully with list of 95sues shown in the dashboard we se _ Can see any essue in detail by clicking on it. (10) In our example, some of the maintainability (rec ipeli Pssues is shown. the FOR EDUCATIONAL USE

92. J Install Sonorhint in your Jorg Code. Intelliged erlipse ide and analyze your Jana code. 3 Go to the help menu and Select colipse 3) In the eclipse market place search for sonorlint In the search results, Rind Sonadint and drek the install button, Restort eclipse In after Installing Sonar wint. D' create a new Jewa project. 6) Home your project and knish setting up (2) (reate a new sample Lana hile (e.g. Calculator to in the newly created project. 8 Run manual analysis, you can tragger and manual code analyses by right. Clicking on the project folder, file in the project explorer and selecting Songritht + f 9 See repults of analyses in bottom Tob. Here we g ersor from Sonarlint. 13) create a new package com. myapp. Calculator in Here we are getting warning to solve the bloom as package com to the top of our code in calculator? file and more calculator. Java to correct lacture Such as Isra/ (on I calculator . Jana

Analyze python project with sonorqube. O Clone the project repository of your device.

The create the Sonor-project properties lite in the most of the Intellij flack project directory. elipse 3) Install dependencies before worning the analysis, install the required dependencies of the flask project rlint pip install or requirements / devitat dick + 1 Go to my account as to security tab. Name your salling token and select type as alobal analysis token and click an generate token. A new token will be generated, copy up broadgings of li larbor of D Now or would use Statistics SonorScamer CtI to analyze our project wing below command manual 6 open the project dashboard wing provided and in folder aut put or look in projects section of Sonorqube That - dashound. As we can see our analyses es completed. El Analyze node. Is project with Sonorqube. stone the Mode is project you want to analyze for alabor (3) In the root directory of your Node is, (reate a surer locatio project properties file to configure the analysis. (3) Now we have to create a global analysis then token, to do so go to mysecount Go to security Tob 19 Name your token and select type as Global analysis taken and click on generate token. (5) A new token will be generated copy it in clipbourd Describer de could use sonor scorner (LZ To analyze our project, wing, (promond, for EDUCATIONAL USE

Dopen the project doubboard wing provided union output or look in project section of soncrepulse 1 No ar con see our malyses es completed. 9 93.] At a large organization, your centralized operation to may get many repetitive in trastructure request yould we Terratorn to build a "Seif secure" in Frashrikar (3) model that lets product teams manage their own interestructure independently to you can create and use Terraform modules that codify the standards for 14) doploying and managing services in your organization, allowing teams to efficiently deploy services in compilare with your organizations practices. Terrathorn doudge also integrate with ticketing systems like service of al 16) to automatically generate now introstructure request -> Setting up 53 bucket wing Terra form Scripts and 100 O create a parent directory terratorio-modules, in 29 It create 53-burket directory. (2) Ereate 4 files named main +f, variables of or 1-4 If and terraloca. If you 3) After Creating above files inside S3. bucket direct the module stricker should look like this taking the directory as terraform-modules After creating as director and files, it should look like this 1) Mow initialize git repository on 53-bucket directory

To create empty repository on without and put the change

to it. FOR EDUCATIONAL USE

Trate a Terratora cloud account on opporterratoras tube I In your organization with assent cation name. tube I to your Terrahoon (ack repusiting. t you to Select repositors from which terrestorm config kles rastrick will be looked form. own (1) Periew Final settings and clack on create. use 13) hive treg name and broket name then click an Ex start new plan sization (4) Give our name and select mon type. Condition (1) Generate accepts keys for AWS account. South was select found on wers. Create new user or select existing one if you cire already have. quest (6) Go to settings -> Hamable sets and dick on create to and Manable set. Home the vorable set and set sope to les, i Apply globally. Enter key name as AWS access-key-id and value as your secret which you have get from AINS. (1+) and to workspare on Toposhorm cloud and select S bucket Terrathorm and thick on New Run situated at din top night Corner. (18) Mick on confirm and applying the (9) Add cornert to confirm applying pan our plan direc for shed applying (8) Yesit AMS S3 bucket dashboard to see newly rector Created bucket our bucket in wa visible on aws the ch FOR EDUCATIONAL USE