Suraraj Padiu DISA 40 Pige No. (38)
Advance Devops Assignment 2 create REST API with serverless frome · 614 -- 214 : Here ore steps to be followed to Promeworks.

1) Install serverless fromework:

Run npm install -g 2/4 2) Initialize project:

Create a new project directory and initialize new recruice using templaterement 1) Define Configuration: Edit the server le -6. yml file to specify the service. 4.) Create Lombda Functions: Troplement the algic for each API endpoint in a separate file 5] Configure Octostore: Choose a database and set permissions in the server lessym file it needed.

Teacher's Sign.: ____

6. Deploy and Test API: · Use the server lebe transwork to · use toods like postman or cury test the APTHENdpoints -mone via ANS cloud watch and update the API as needed. and Case study for Sonor Qube: -> Case study: Quality Analysis of Sono Objectives: tiba: mitoromitario 1] Create & Sonar Qube + profile. · Log into resonorquiber and marigate quality profiles. · Click de de name your profile rond customizer sules for your deside quality standards. 2] Analyze github code with Sonor Cloud Sign in to Sonor Cloud with github ond link your repository.

Set up sonor-project properties file
in your report trigger onalysis through CILCO

Date / /

Install Gonor Lint for Java: install Sonar Winterin interior from. de pluginst in the single militario dind your project with sonor quibe nd sonordint will flog issues with our Jora code and onalyse it. Analyze python project in Sonorqube-for python code

Add an sonor-project properties file

Add an sonor-project properties file

Add on sonorses using sonorseancer

Ad oheck results. JAralyze Node js project: Create a new project in Sonar Rubeof python code Add a sonor-project properties file and on analysis using sonor scanner and the check results. Conclusion. This Casestudy demonstrates now to use sonor Qube effectively for code quality analysis alross different Programming longuages x and platforms

Q.3) In dorge organization, the centralization often tores repetit operations team often infrastructure requests which can streamlined through outsmotion can infrastructure moders. self service infrastructure moders. Terroform con: play a key role in the Terratorm Modules for standardizate You can create reusable terrator modules that encode your organizate standards and best practices for deploying and managing infrastruti 2] Self-Service Infrastructure. Teams can manage their own infrain-- runtwee without needing to rely of central ope for every request. · Sexx-service infrastructure enables product bears to iterate faster and deploy resources more efficiently, leading to higher agility in devolo

