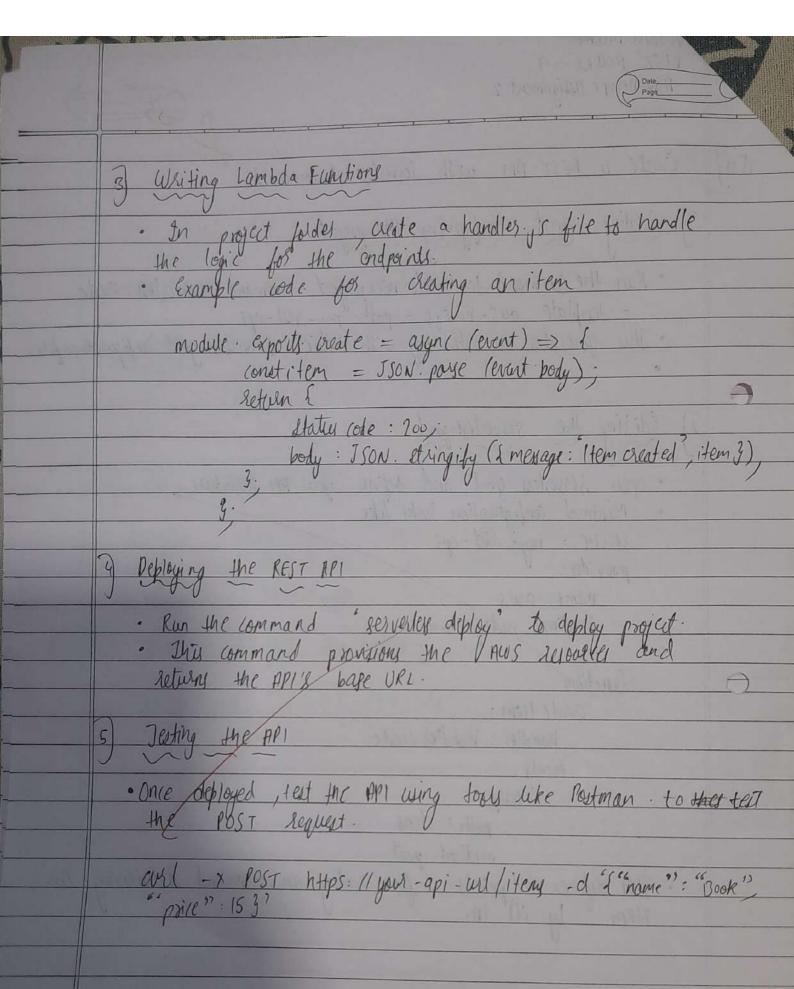
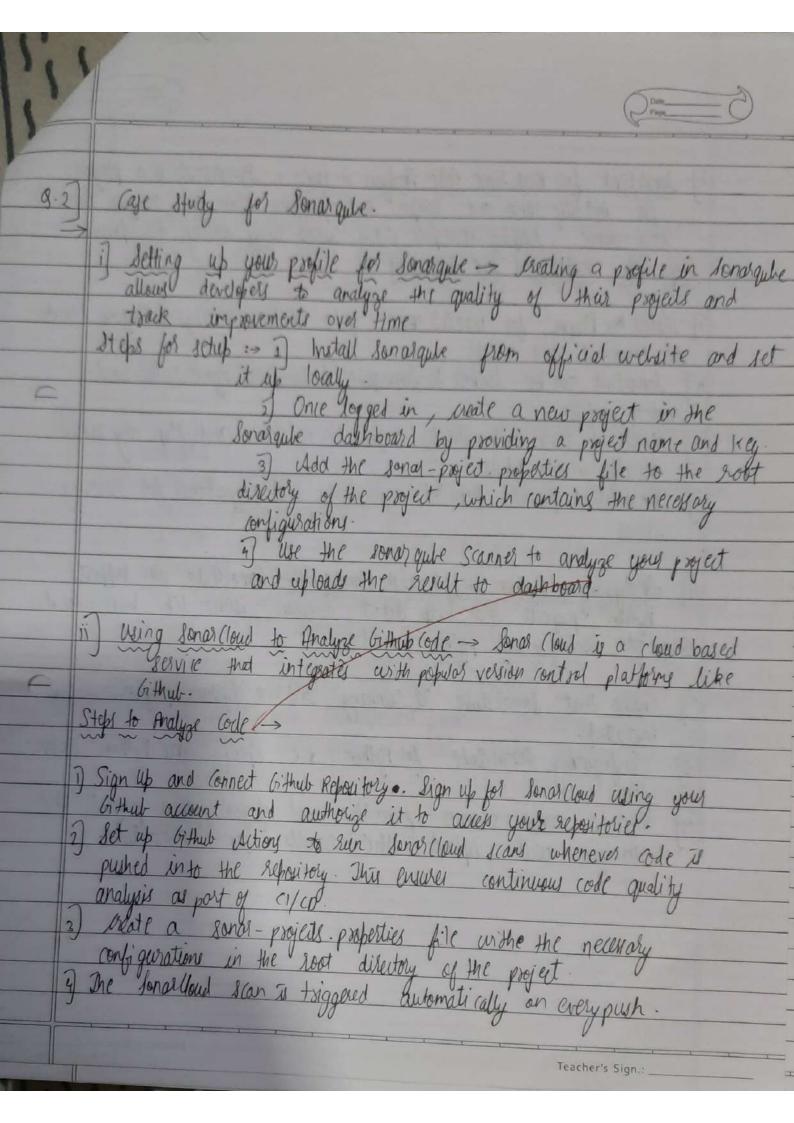
Vedant ohoke DISC ROLLINO >9 Adv. Devors assignment 2 Create a REST PPI with Serverleys Framework. I acating and configuring the project - Run the command to create new project. command: serverless create

--template aus-node is --path my-rest-api

- This generates a directory with basic serverless your configuration file. Editing the serverless your · Open serverless yml and define your Ari structure
· Minimal configuration looks like

service: ny-rest-opi
provides: name: aws Soutime: node j 514.x functions. oreate Hem: handles: handles create method points for excating an item and retrieving an item and retrieving an item and retrieving an path: items Teacher's Sign .: .





3) Sonor Lint for Real time Code Analysis in IDES > Ponor Lint is a plugen

Jer intelly IDEA and Eclipse that performs static code analysis in

Real - time, helping developeds catch issue early during development.

Steps to install and life sonor Lint > I snotall the flugin for IntelliJ 10 EM got o File > dettings > fluging starch

for sonar Lint and install

2 sonar Lint can be linked to sonarque instance to sync rules and

quality profiles.

3 sonar Lint runy automatically by your write code and flags any issues

directly in the editor.

3 sonar Lint runy automatically by your write code and flags any issues

directly in the editor.

3 sonar Lint runy automatically by your write code and flags any issues

directly in the editor. issul. Analyzing a Python Project with Sonarque -> Sonar Qube also supports

Python projects and help detect common issues like bygs ades etc.

Steps to snalyze a python project -> Ensure that sonal Qube Is running and has Python plugin installed.

Configuring sonar Qube for Python i.e. specify the Python source files. execute sonor-scanner from the root of your python project. The analysis will lipload the results to sonordube. Teacher's Sign .: .



5) Inalyzing a Node is Project with Sonor Rube -> Node is projects can also benefit from static analysis through Sonor Rube. By integrating it into Node is, we can identify common code issues related to Javascript.

Steps to Analyze a Node is Project >

- 1) Verify that the Javascript plugin to available in your sonal Rube instance.
- 2) Configure Project for Sonor Clube by adding some projection in sonor project profesties file.

  3) You can combine Eszint with sonor Clube for a more comprehensive Javasoript analysis.

  4) We sonor scanner to analyze the project, and view the detailed analysis in the Sonor Clube dash board.

Conclusion - By integrating tools like Sonor Oute, Sonor (loud and Sonor Lint into your development programming vortious) programming languages.

Teacher's Sign .:

nany repetitive infrastrutule reguests you can use Terreform to build a self serve infrastrutule model that lets products team manage their own infrastruture independently. You can use Terreform modules that codify the standards for deploying and managing services in your organization allowing teams to afficiently deploy service in compliance with your organization practices. Terreform cloud can also integrate with ficketing systems like service Now to automatically generate new infrastruture requests. I In the question they have asked for exacting a set self-sorvice module so we will see a module to creat of an ECZ instance for the product team. ii) For creating a CLI to manage the EC2 instance acation.

We will stort by downloading PUSCLI download and Terreform

download. Now we will configure Aws CII. To configure it to important to create access key and serves key for your Aws account and check your segion name. For my account it was us -east-1 (Virginia). You can select output formed as ISON. set up a terraform project directory and you need to create and jour need to create main it. main if, variables if subject if authorized configurations variables in fractructure configurations variables it contains input variables that you can customize.

Output: This will define the output values. Teacher's Sign .: \_\_\_

