Diddhant delhe
015 1/51
Assigned 2
corecte a REST OPI with sewcless framework
sowerless framework is a powerful tool that
deployment of sources and sources opplications across
Vorugia doord whouldown.
REST API stands for representational state transfer is
REST API stands for representational state transfer is architecture style for designing retwork applications
All the body of the contract o
5-v. Install squerless franciscon
Install securitess francisors (LI globally using npm. This allows you to manage secureless applications directly from your terminal.
This allows you to manage someless applications
cliently from your terminal.
5-2) Creating a node is somethis project.
This project will house all your lambda functions,
configurations and cloud services.
S-21 Project Mourthon
S-31 Broject Structure The project treater essential files like handler is (contains code for kimbda functions) and serverless your
cools for kimbda functions) and sprverless unt
9- 11. correctes une sile deline direction that shandles
9. the correctors and sile deline describe that shouldes

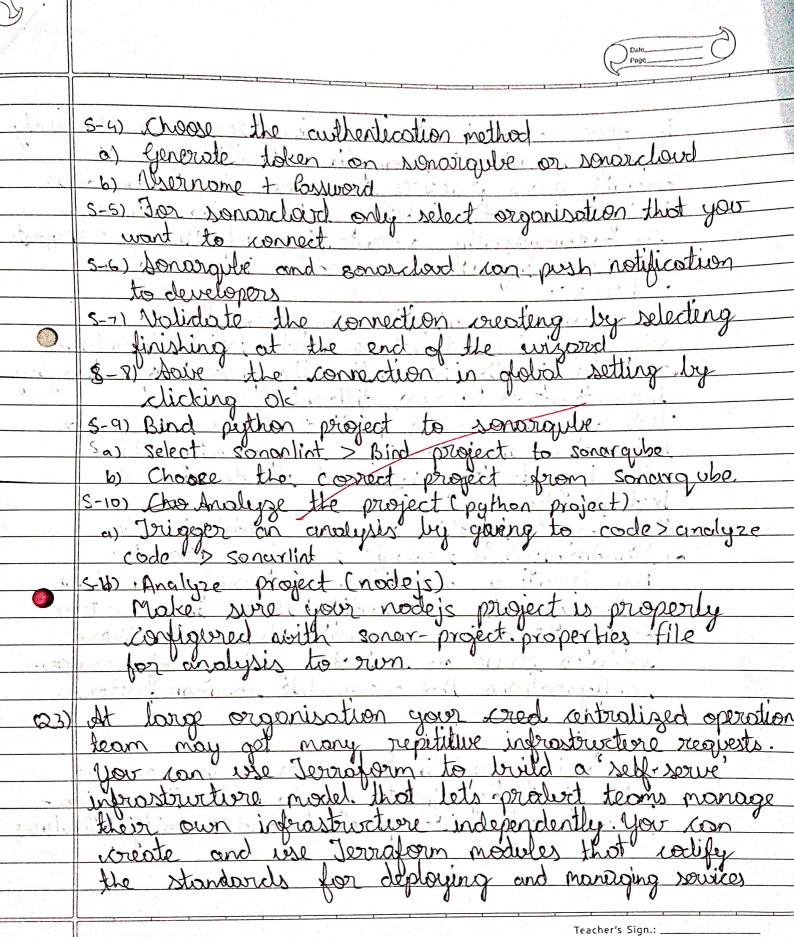
5-5) Deploy source:

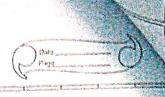
515. deploy commands solveiless packages your application, uploads recessary resources to AWS and we up the infrastructure.



Carried Spring St. or 2 Upon and you digital to	Company of the state of the sta
	3-6) Jesting API Once deployed test REST API using tools like curl or postman by making respect to generated API.
and control of the second of t	5-1) Storing data in Dynamo DB. To store submitted data; integrate dynamo DB. as a database
	S-8) Adding AWS IAM permissions Ensure that sourceless framework is given suight permissions.
	S-9) Monitoring and Maintainace After deployment sourceless francisorks provides services like deployed endpoints, API key, log streams.
2) i)	Core Study for Sonoraphe Create your own profile in sonoraphe for testing project apolity. The sonorcloud to analyze: your githut code Install sonarlint in your Java intellij IDE or
(ili (ili (.;	Install somerlint in your Java intellig IDE or eclipse IDE and analyze your Java code
	eclipse IDE and analyze your Java code Analyze python project with sonarque Analyze node is project with sonarque sonarque profile for testing project grality.
	s-2) Open Intelli-j setting, find Tools > Sonarlint - entry and select + to open connection wispord. S-3) Enter a name for this connection, select sonarcloud or sonarqube.
	그렇게 얼마를 가면 가다면 다시 바다 그렇게 되는 것이 되었다. 그리고 나는 그리고 나는 사람들은 그를 하지 않아서 얼마를 하는 것이 되었다. 그리고 나는 사람들은 그리고 살아 먹었다면 다시다. 그 사람들은 그리고 살아 먹었다면 그리고 나는 사람들은 그리고 살아 먹었다면 그렇게

Teacher's Sign.: _____





in your organization, allowing teams to effectively deploy services in compliance nultry your organizations practices. Devadorm Moud con also interpretation with licketing systems like service now to automatically generate new infrastructure request. Let some infrastructure model with terroform MODULES: At a love organization, implementation a self new infrastructure model using levroform con significantly streamline the process of managing infrastructure across diffrent teams.

This approach allows product teams to manage their own infrastructure independently while adhering to organizational standards and lext practices. Key espects of this self some model include

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(Separations con codify their infrastructure

(Separations and arrangement standards. These

modules some as revisable packages of terraform

configurations that encapsulate common pattern.

By using predefined modules, teams, ensure that their deployments comply with the originisation's established practices and security guidelines

Teacher's Sign : _

d) Automotion The use of terroform modules promotes automotion, reducing manneal intervention and potential human errors in infrastructure management with modules stored in version control system, teams can track changes, collaborate an improvements and maintain a history of infrastructure configurations anoiteregificar INTEGRATION WITH TICKETING SYSTEMS Jerraform cloud offer integration capabilities

that harther sta enhance the self some model

a) Automatic Indiantructure Request

Jerraform cloud con integrate with ticketing system

like SeniceNow to customatically generate new

infrastructure requests. This automation streamlines the process of submitting and tracking infrastructure changes. Sy centralized Management
By centralizing infrastructure management through
two local michaelan can maintain
better clard over when can request and approve
infrastructure changes