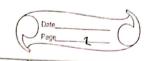
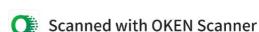
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Assignment - 2 At 2 Page 1
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weate a REST API with the serveriess
Francisco.
step 1: Install serverless framework
Mare Sude you have
in scoveriess frame work alchally
npm install - g serverless
the strong book which we will be a second
step 2: Osecte a New Service.
vavigate to the disectory where you want t
create your project and create a new
service:
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Serveless Checte-template aus-nodejs path my-service
tile.
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Ston 2 1 Define Pret of
Step 3: Define REST API in
Server less yml
In your serveriess yml, define the API
end points and methods.
ilea (ili Tari) and a company of the
tep 4: Implement API in handles is
In the handles is file, write the logic
to the API:
Manager and and the state of th
tep s: Deploy the service
e deploy your APT to AWS Lambda:
serveriess deploy
the prince medals are appropriate borrows
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	Step 6: Test the API
	Atter de ployment, serverless will give
	API endpoints. Use 1003 The postmon
	cual to test the endpoints:
	cuti https: 11 your api - endpoint. amazonaus.a
	1 der 145885
	This will between the appropriate desponce
_	based on the method and path.
	Strate Contract Contr
	Step 7: Cleanupe
	If you want to serve the API
	serverless demove
1 1	This will delete all sesocioces from Aws.
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	execting your our profile in sonarquibe for
	project quality we soncrequire to analyze
	Github code. Install sonablint in your java in
	to analyze jovo code, Analyze python pro
	with sonoxyube.
-	songaque is an open source Platform med
	continous inspection of code quality- 2+ dete
_	bugs code smells and secusity vulnesobilit
	in project a cross various programming
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J D	Profile creation in sonaroube.
	Occility Profiles in sonorqube are essential
	tions that define oules applied during cod
	Each project has a audity profile too ever
	supported longuage with defoult being son
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iomes built in for all languages. Custom profiles no be coented by copying or extending existing ones copying coentes an independent profile, while extending inhesit rules from pasent profile and deflects future changes automotically you con activote or deactivate rules priotize certain dyles and configure parameters to toiler profile to specific projects Permissions to manage quality profile are restricted to users with administrative priveleges. Sonaroube allows for the composision of 2 profiles to check for different ces in activated tyles and used can take back changes via event log, anality profiles can also be imposted from other instances via backup and destade. To ensure profiles include new onles to impostant to sheck against updated by it n profiles de use sonas aube eules pageising sonoxcloud to analyze Guiltub code. onox cloud is cloud-based contexpost of sonoxquite hat integrates directly with Gittyb , Bit Byckel, Azure nd Gitlab sepositories . To disectly started with onardoud via Githyb signup via sonardoud bodyd page and connect your Github organizar on ade personal account once connect, sonorchord issor your Github setup with each projed obsesponding to Github depository. After setting 12 the organization choose subeciption lon next implement sepositories into your sonorch



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3)	sonoalint in Java IDE: Sonoalint in Java IDE: that perstorms on the
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4)	Analyzing python projects with sonorous
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	can also be automated using Githyb f
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resoration "self-serve" Infrastructure model
1 restatorm Modules for self-serve intrastorduse
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5 for deploying resources like upis , Ecz instance
and 53 byckets.
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example module for am Eczinstania.
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	Terroform cloud Integration with service Nous with serv
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	you can integrate terror intrastordure dequest
	touch glabane
-	- using Testatoom's API-driven approach,
	based on ticket approvals , automating
	based on ticker app
	resonace depayment.
	Example workflow
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()	A product team submits a request in servi
	now for new infrostoucture.
0	Town town cloud upon
(2)	The request triggers a Texatorm cloud upo
/	the servicenon ticket with the Status
/	and resource details.
3	Coenting Terraform Modules for teams
	secrable too commonly segrested services!
	O votvocking (UPC, subnets)
	(EC2 Autoscaling GXXXXX)
7	779N3901119 910412)
	3 stodage (S3 RPS)
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