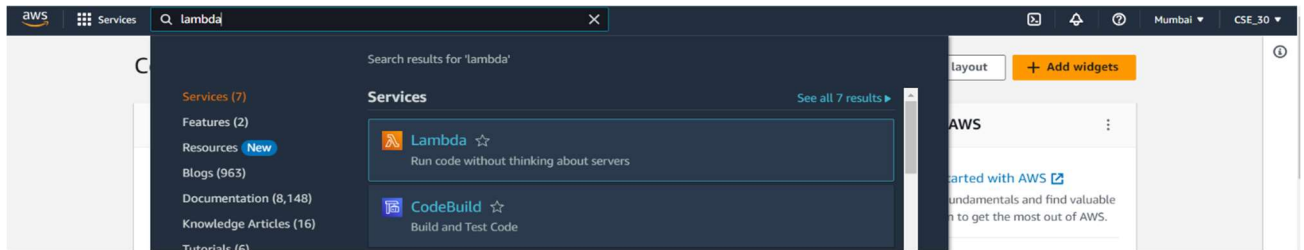


ASSIGNMENT – 15

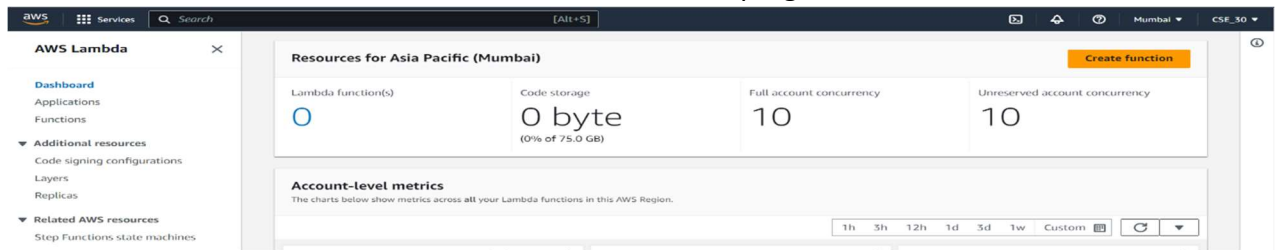
Problem Statement: Create a serverless computing service.

1. Sign-in to your AWS console.
2. Search for Lambda

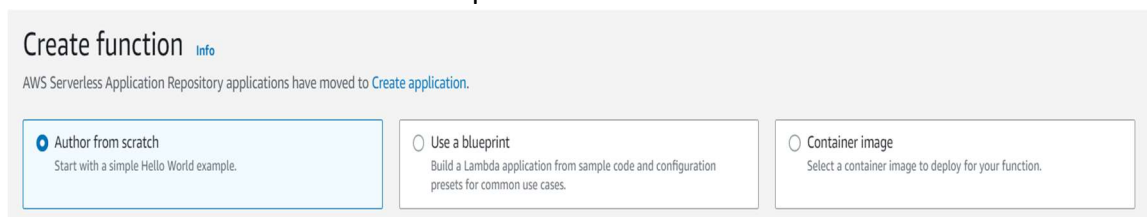


Click on the first result named Lambda.

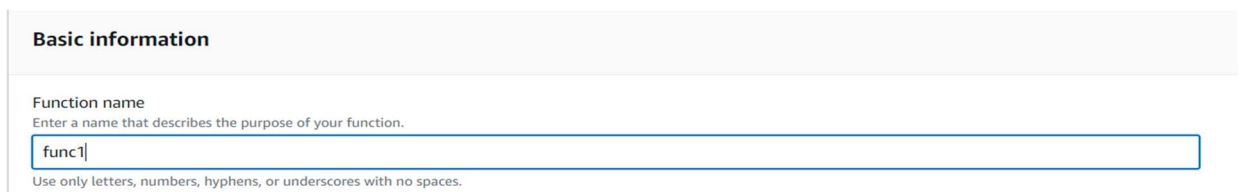
3. Now click on the Create Function button on the top right corner.



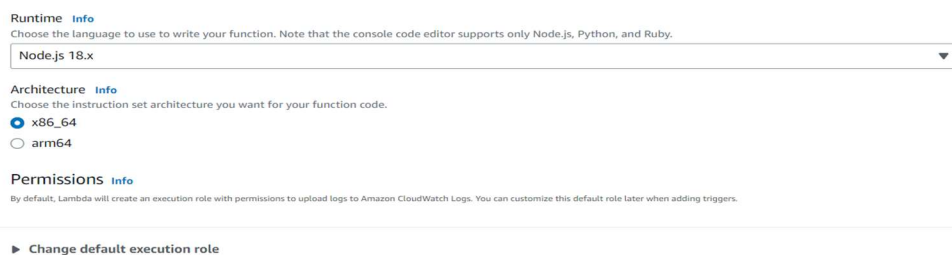
4. Select Author from scratch option.



5. Give the name of the function.



6. Choose Node.js as the Runtime. (No need to change architecture.)

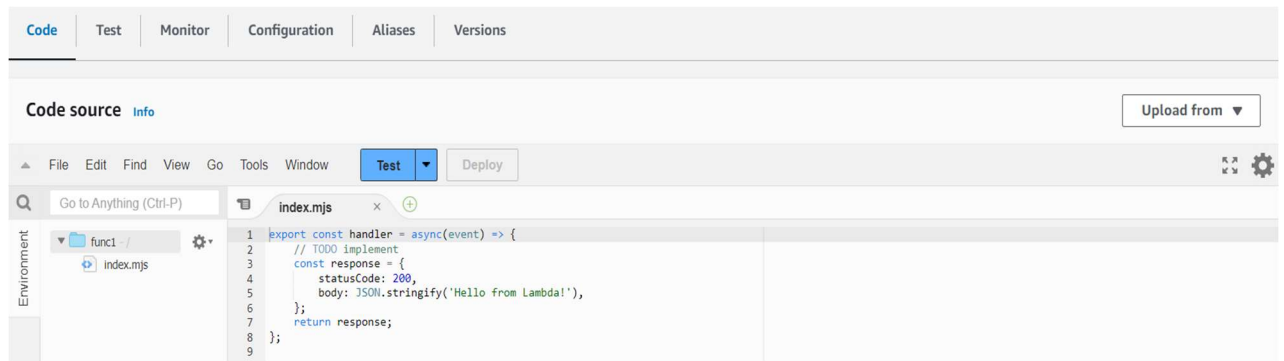
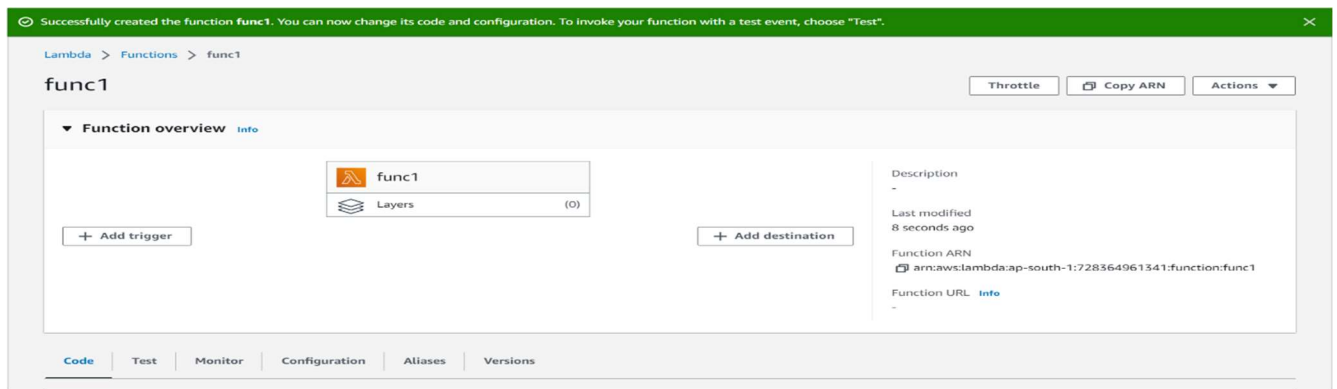


7. Now click on the create function button

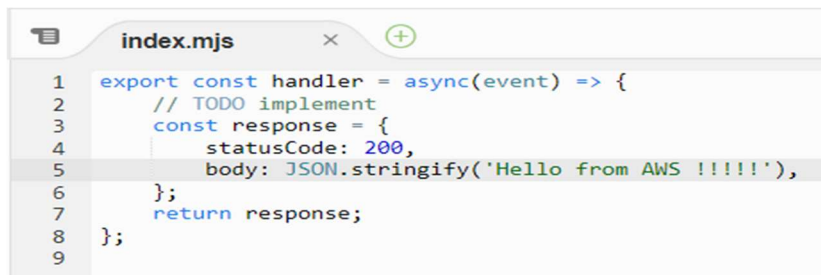


8. Now scroll-down to the code section of your newly created function.

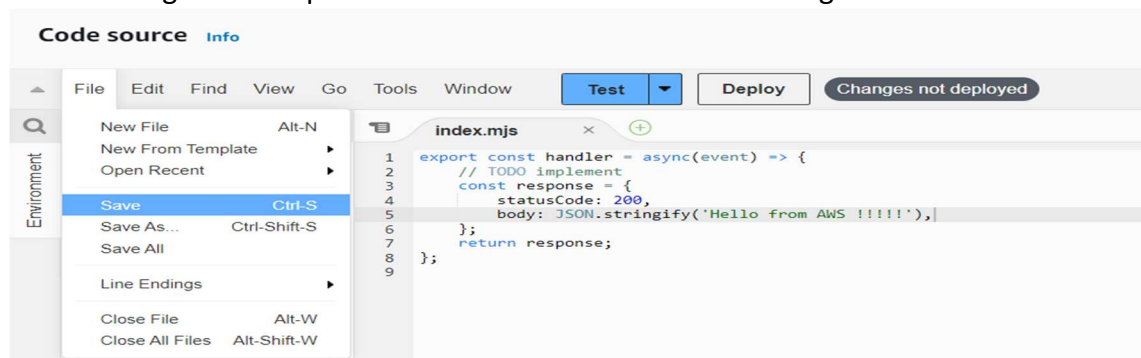
9. Change the string in the code to be displayed.



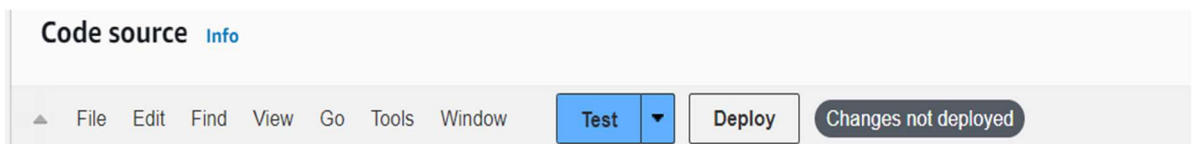
We changed it to this.....



10. Now go to File option and click on save to save the changes.



11. Now click on the Test button.



12. Select Create New Event. Then give a name. Then click on save.

Configure test event ✕

A test event is a JSON object that mocks the structure of requests emitted by AWS services to invoke a Lambda function. Use it to see the function's invocation result.

To invoke your function without saving an event, configure the JSON event, then choose Test.

Test event action

☒ Create new event ☐ Edit saved event

Event name

e1

Maximum of 25 characters consisting of letters, numbers, dots, hyphens and underscores.

Event sharing settings

☒ Private
This event is only available in the Lambda console and to the event creator. You can configure a total of 10. [Learn more](#)

☐ Shareable
This event is available to IAM users within the same account who have permissions to access and use shareable events. [Learn more](#)

Template - optional

hello-world

Event JSON Format JSON

1 2 3

Cancel Save

13. After saving. Now click on the Deploy button.

Code source [Info](#)

File Edit Find View Go Tools Window Test Deploy

14. After successful deployment a message will pop as mentioned below and the deploy button will be locked out, indicating that our Function has been successfully deployed.



15. Now go to the configuration tab.

Code Test Monitor **Configuration** Aliases Versions

General configuration

Triggers

Permissions

Destinations

Function URL

Environment variables

General configuration [Info](#)

Description	Memory
-	128 MB
Timeout	SnapStart Info
0 min 3 sec	None

16. Click on the Function URL option in the left side Bar.

General configuration

Triggers

Permissions

Destinations

Function URL

Environment variables

Tags

VPC

Monitoring and operations tools

17. Click on Create function URL.

Function URL [Info](#)

Create function URL

No Function URL

No Function URL is configured.

Create function URL

18. Choose NONE and click on the save button.

Configure Function URL

Function URL [Info](#)

Use function URLs to assign HTTP(S) endpoints to your Lambda function.

Auth type

Choose the auth type for your function URL. [Learn more](#)

☐ AWS_IAM
Only authenticated IAM users and roles can make requests to your function URL.

☒ NONE
Lambda won't perform IAM authentication on requests to your function URL. The URL endpoint will be public unless you implement your own authorization logic in your function.

A policy exists that grants public access to your function URL. If you choose auth type NONE, anyone with the URL can access your function.

► Additional settings

Cancel

Save

19. Now copy the newly created Function URL and paste it in a different browser.

Your changes have been saved.

▼ Function overview [Info](#)

func1

Layers (0)

+ Add trigger

+ Add destination

Description

-

Last modified

6 minutes ago

Function ARN

arn:aws:lambda:ap-south-1:728364961341:function:func1

Function URL [Info](#)

<https://o9tk6cr7wkr5hqrh2iavadyhe0thqki.lambda-url.ap-south-1.on.aws/>

<https://e2plgkbsn7pinv2obpnlmpwvc0nkhke.lambda-url.ap-south-1.on.aws/>

"Hello from AWS !!!!"

We have successfully Created a Serverless Computing service.

To delete the Lambda Function, follow these steps:

1. Click on the Actions button on the top right side.

Your changes have been saved.

Lambda > Functions > func1

func1

Throttle

Copy ARN

Actions ▼

▼ Function overview [Info](#)

func1

Layers (0)

+ Add trigger

+ Add destination

Description

-

Last modified

13 minutes ago

Function ARN

arn:aws:lambda:ap-south-1:728364961341:function:func1

Function URL [Info](#)

<https://e2plgkbsn7pinv2obpnlmpwvc0nkhke.lambda-url.ap-south-1.on.aws/>

2. Select the Delete function option and then click on delete button in the pop-up.