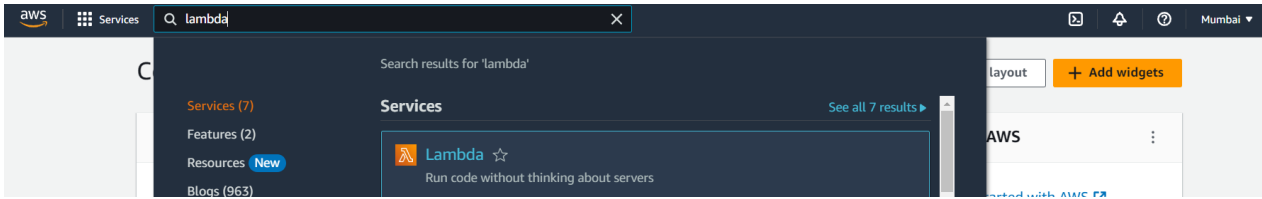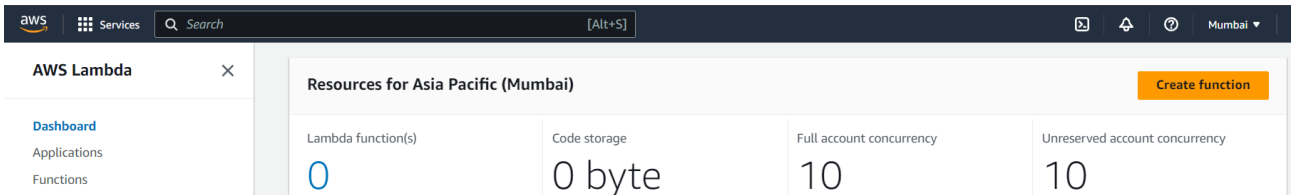# ASSIGNMENT – 15

Problem Statement: Create a serverless computing service.

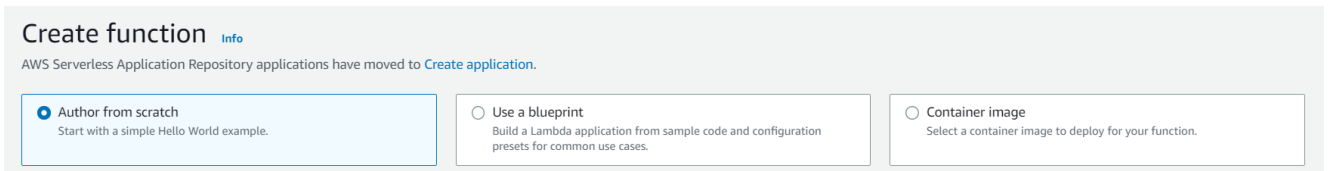1. Sign-in to your AWS console.
2. Search for Lambda

   Click on the first result named Lambda.
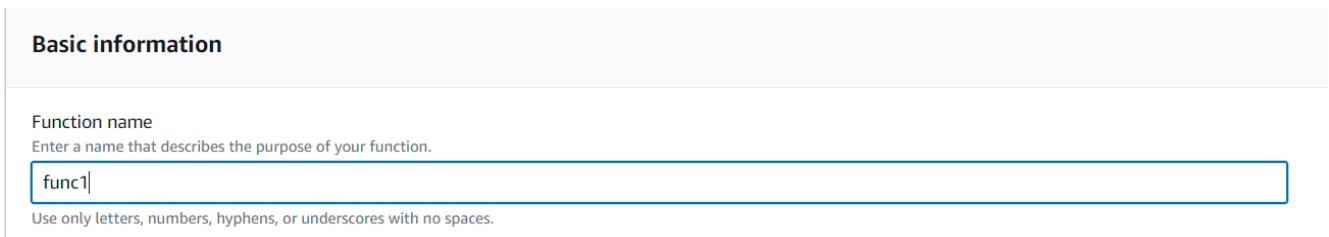3. Now click on the Create Function button on the top right corner.
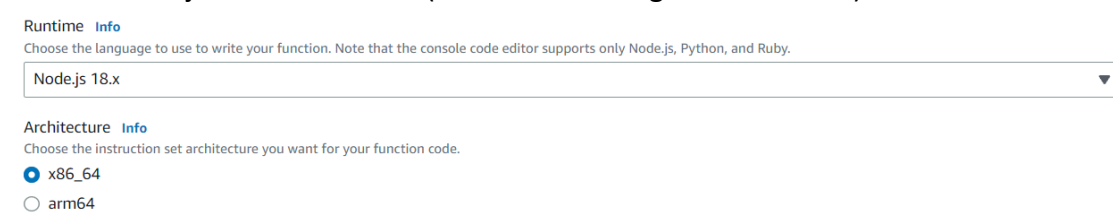

4. Select Author from scratch option.
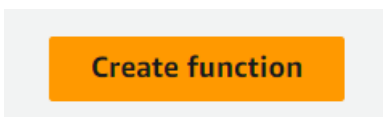

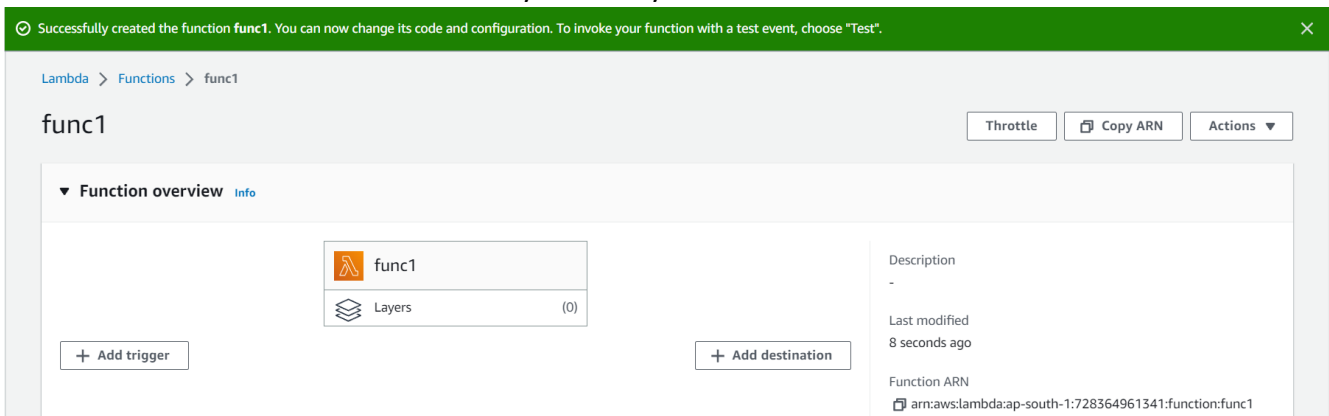5. Give the name of the function.

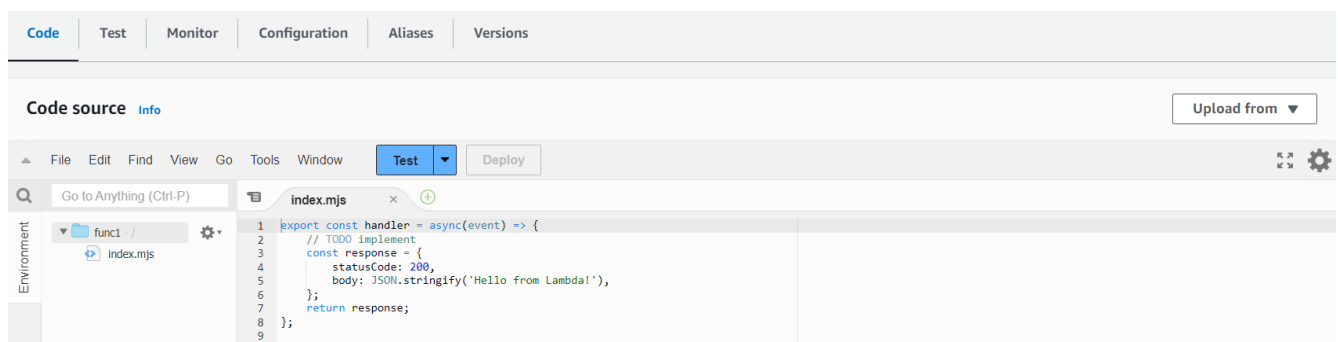6. Choose Node.js as the Runtime. (No need to change architecture.)

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………
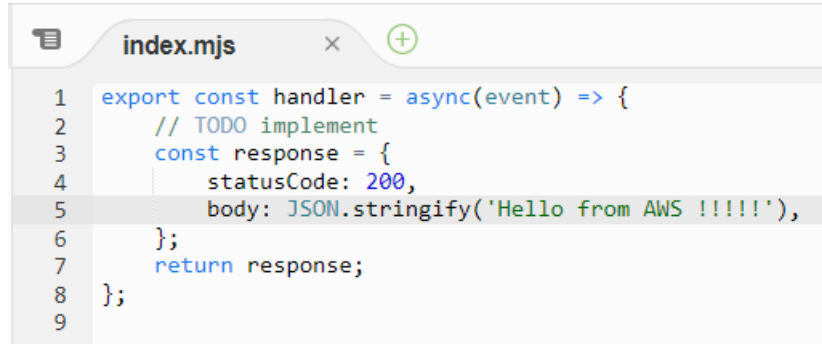
10. Now go to File option and click on save to save the changes.
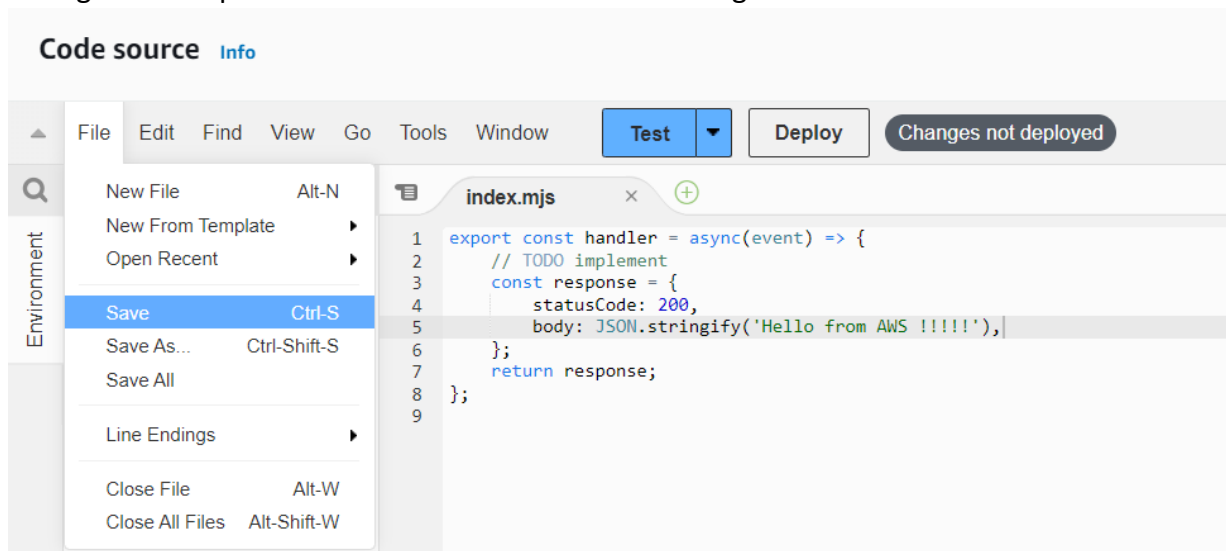
11. Now click on the Test button.
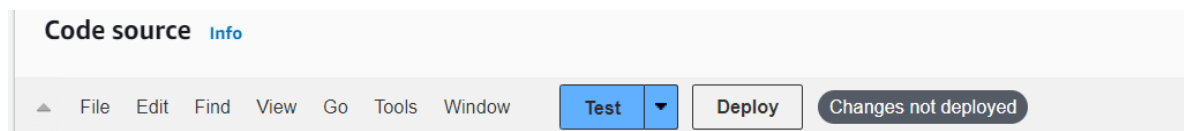
12. Select Create New Event. Then give a name. Then click on save.

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.

⊘ Successfully updated the function **func1**.   ✕

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
-

Timeout
0 min 3 sec

Memory
128 MB

SnapStart Info
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

λ 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://ojtkt6cr7wkr5hqrh2iavadyhe0thqki.lambda-url.ap-south-1.on.aws/ ↗

☐ 📄 https://e2plgkbsn7pinv2obpnlm; ✕ +

← C ⌂ 🔒 https://e2plgkbsn7pinv2obpnlmpwvcm0nkhke.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

λ 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://e2plgkbsn7pinv2obpnlmpwvcm0nkhke.lambda-url.ap-south-1.on.aws/ ↗

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