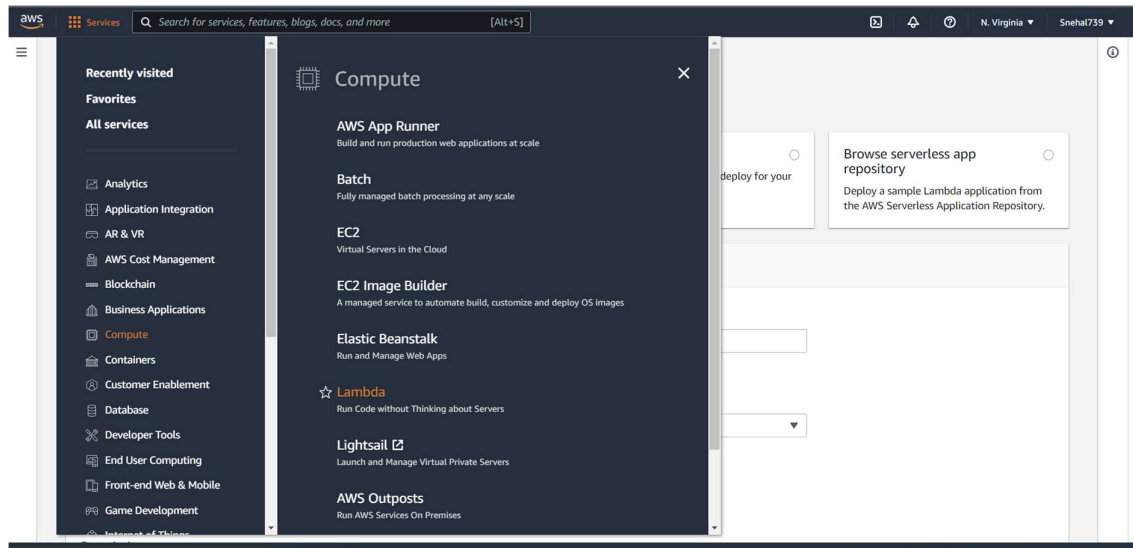
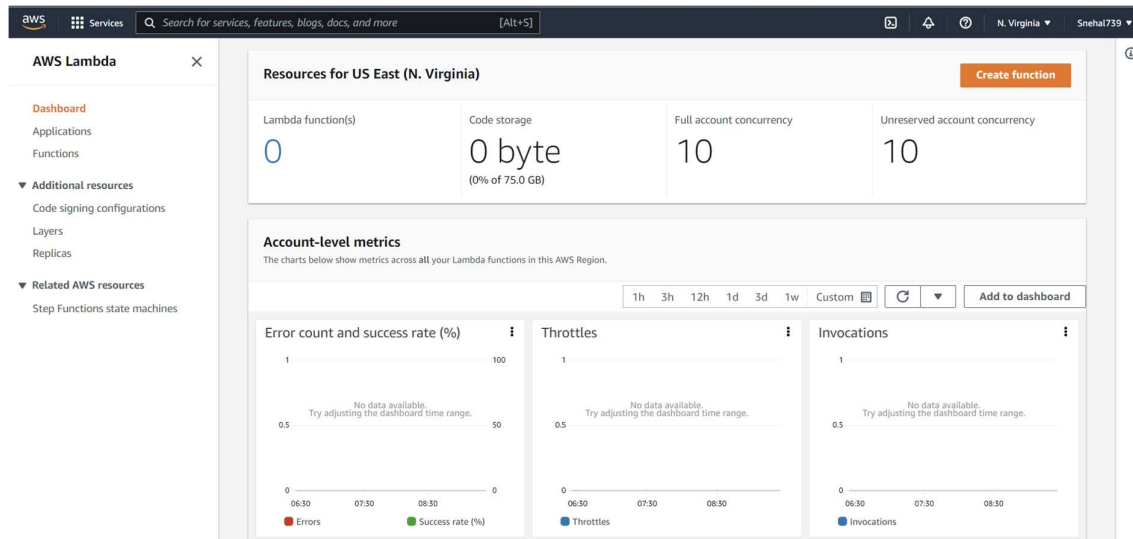


1. Open AWS Services

2. Inside compute service click on Lambda



3. After clicking on Lambda you will see the following Dashboard



4. Click on Create Function

5. You will see the following for creating a function , Give the function name select the runtime of your choice here I have selected python 3.8

6. And the select the execution role

7. Click on create

Create function Info

Choose one of the following options to create your function.

Author from scratch Info
 Start with a simple Hello World example.

Use a blueprint Info
 Build a Lambda application from sample code and configuration presets for common use cases.

Container image Info
 Select a container image to deploy for your function.

Browse serverless app repository Info
 Deploy a sample Lambda application from the AWS Serverless Application Repository.

Basic information

Function name Info
 Enter a name that describes the purpose of your function.

 Use only letters, numbers, hyphens, or underscores with no spaces.

Runtime Info
 Choose the language to use to write your function. Note that the console code editor supports only Node.js, Python, and Ruby.

Architecture Info
 Choose the instruction set architecture you want for your function code.
☒ x86_64
☐ arm64

Permissions Info
 By default, Lambda will create an execution role with permissions to upload logs to Amazon CloudWatch Logs. You can customize this default role later when adding triggers.

▼ **Change default execution role**

Execution role Info
 Choose a role that defines the permissions of your function. To create a custom role, go to the IAM console.

☒ Create a new role with basic Lambda permissions
☐ Use an existing role
☐ Create a new role from AWS policy templates

▼ **Change default execution role**

Execution role Info
 Choose a role that defines the permissions of your function. To create a custom role, go to the IAM console.

☒ Create a new role with basic Lambda permissions
☐ Use an existing role
☐ Create a new role from AWS policy templates

ⓘ Role creation might take a few minutes. Please do not delete the role or edit the trust or permissions policies in this role.

Lambda will create an execution role named Planets-role-nm60ej2r, with permission to upload logs to Amazon CloudWatch Logs.

► **Advanced settings**

Cancel **Create function**

8. Following function will be created

9. You can make changes in the code source according to your convenience

Successfully created the function Planets. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

Planets Throttle Copy ARN Actions

▼ **Function overview** Info

Planets
 Layers (0)

Description
 -
 Last modified
 17 seconds ago
 Function ARN
 arn:aws:lambda:us-east-1:533090483721:function:Planets
 Function URL Info
 -

+ Add trigger + Add destination

Code **Test** **Monitor** **Configuration** **Aliases** **Versions**

Code source Info Upload from

File Edit Find View Go Tools Window **Test** Deploy

Go to Anything (Ctrl-P)

Planets
 lambda_function.py

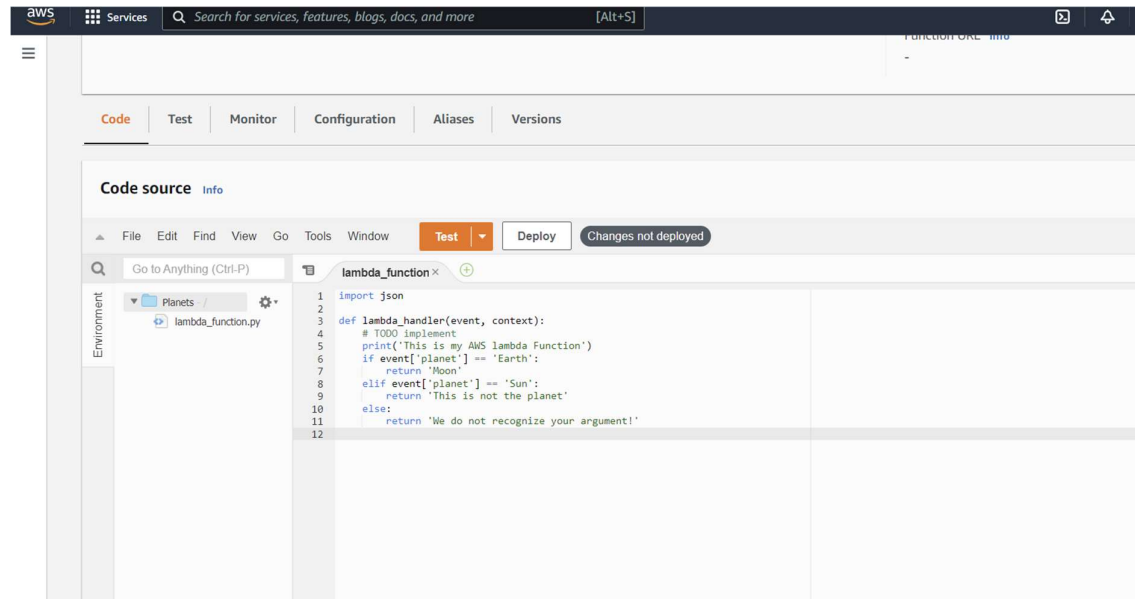
```

1 import json
2
3 def lambda_handler(event, context):
4     # TODO: Implement
5     return {
6         "statusCode": 200,
7         "body": json.dumps('Hello from Lambda!')
8     }
9
  
```

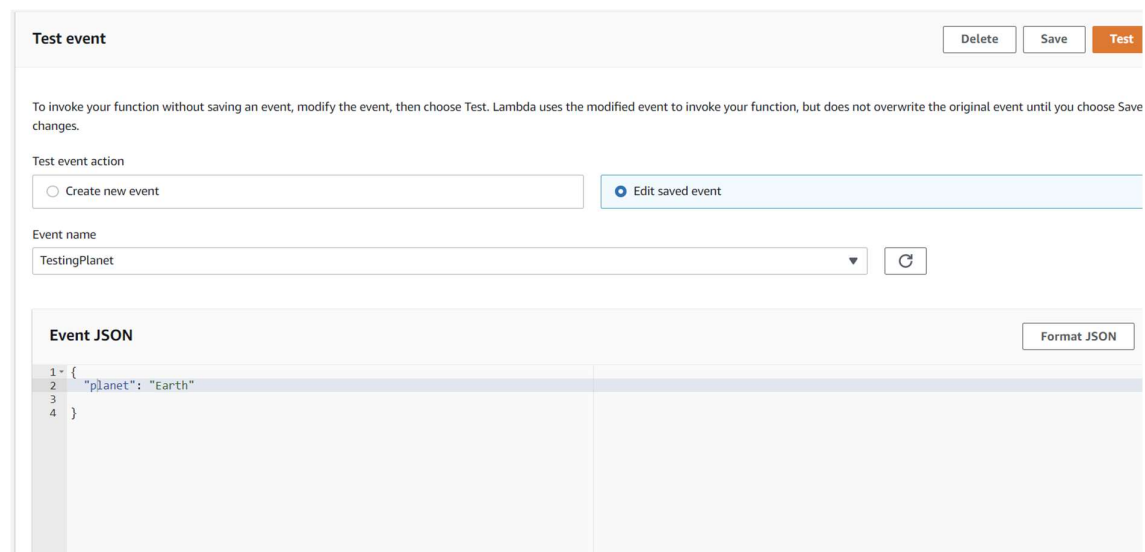
10. Make changes according to your will

11. Click on Deploy

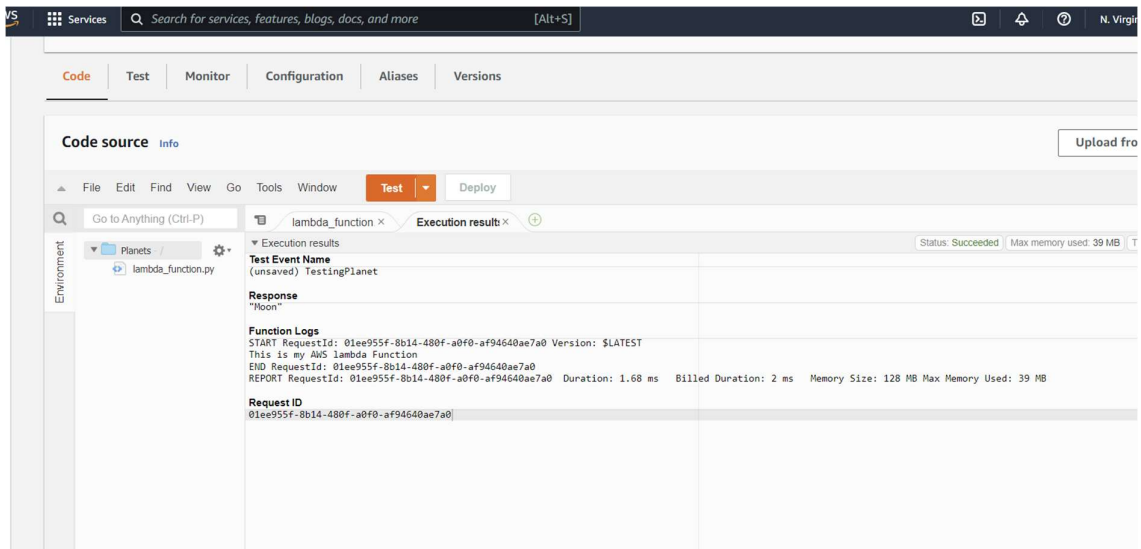
12. Click on Test



13. Make changes based on keys and values



14. If planet=Earth following output can be seen



15. If planet=Sun

