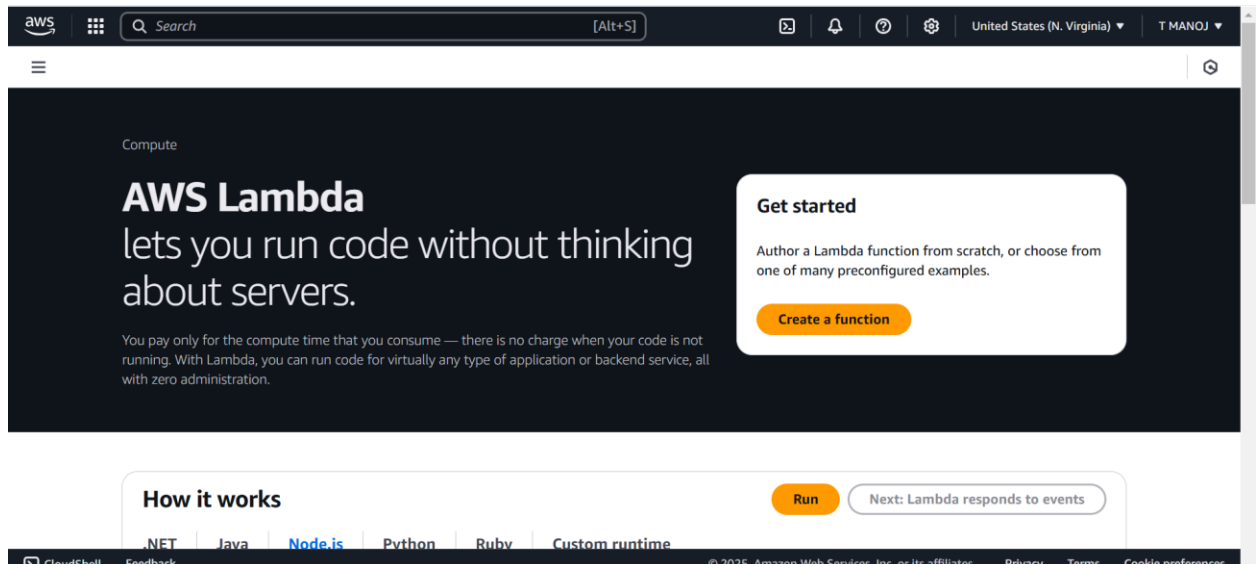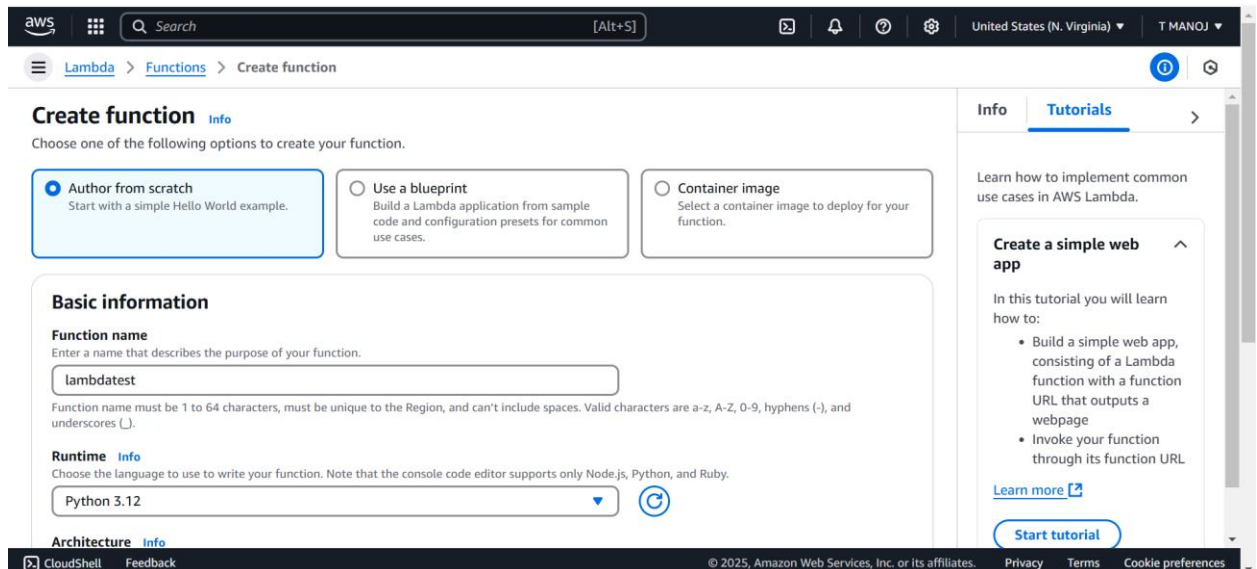# Steps to Create and Test a Lambda Function in AWS using Python

Name : T Manoj

1. Create an AWS Lambda function with Python as the runtime.
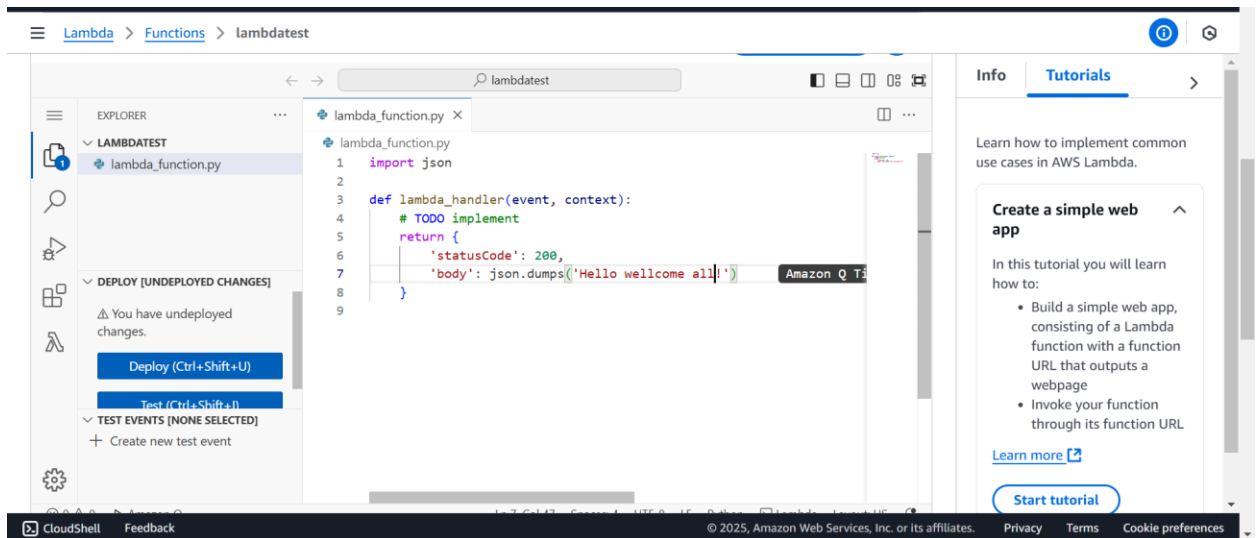

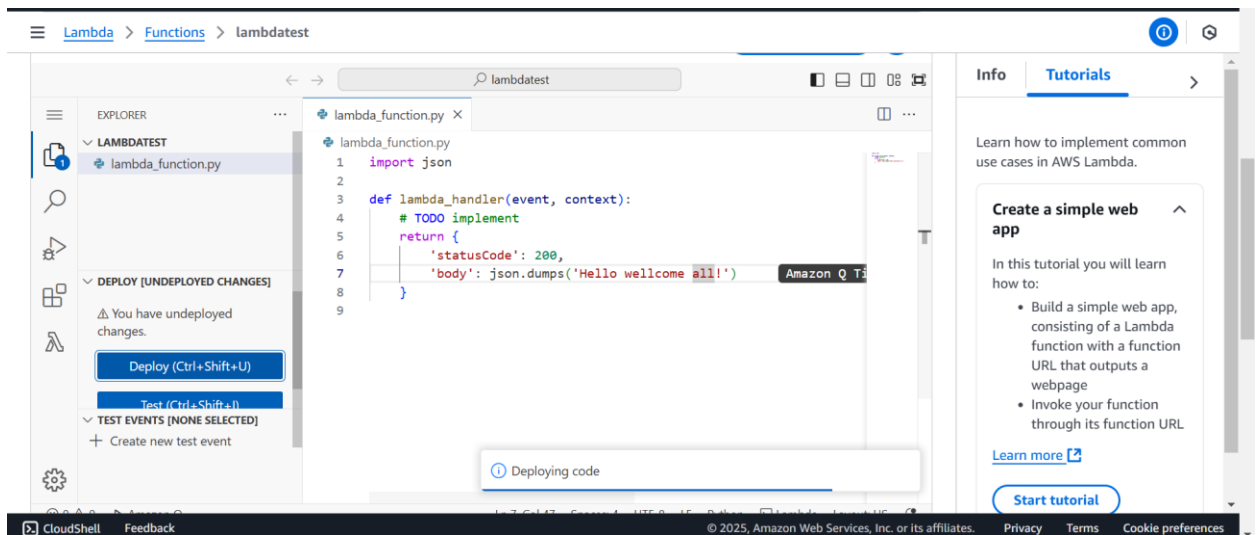2. Choose "Create from scratch" and provide a function name.

3. Select an execution role with necessary permissions (or create a new one).

4. Write or upload the Python code for the function.

5. Deploy the Lambda function.

6. Create a test event with sample input data and Check the output and logs in the AWS Lambda console.

EXPLORER ···

✓ LAMBDATEST
  🐍 lambda_function.py

✓ DEPLOY

Deploy (Ctrl+Shift+U)

Test (Ctrl+Shift+I)

✓ TEST EVENTS [SELECTED: PYTHONCODE]
  + Create new test event
  ✓ ⤴ Shareable saved events
    Pythoncode

🐍 lambda_function.py ✕

🐍 lambda_function.py
  1 import json

PROBLEMS   OUTPUT   CODE REFERENCE LOG   TERMINAL   Execution Results ▼

Test Event Name: Pythoncode

Response:
{
  "statusCode": 200,
  "body": "\"Hello wellcome all!\""
}

Function Logs:
START RequestId: 06df75c4-64e8-4c42-979a-2312a4770726 Version: $LATEST
END RequestId: 06df75c4-64e8-4c42-979a-2312a4770726
REPORT RequestId: 06df75c4-64e8-4c42-979a-2312a4770726 Duration: 2.17 ms   Billed Duration: 3 ms   Memory
Size: 128 MB Max Memory Used: 32 MB   Init Duration: 95.44 ms

Request ID: 06df75c4-64e8-4c42-979a-2312a4770726

⊗ 0 ⚠ 0   ▷ Amazon Q   Ln 9, Col 1   Spaces: 4   UTF-8   LF   Python   ▷ Lambda   Layout: US