

UE19CS352

CLOUD COMPUTING LAB

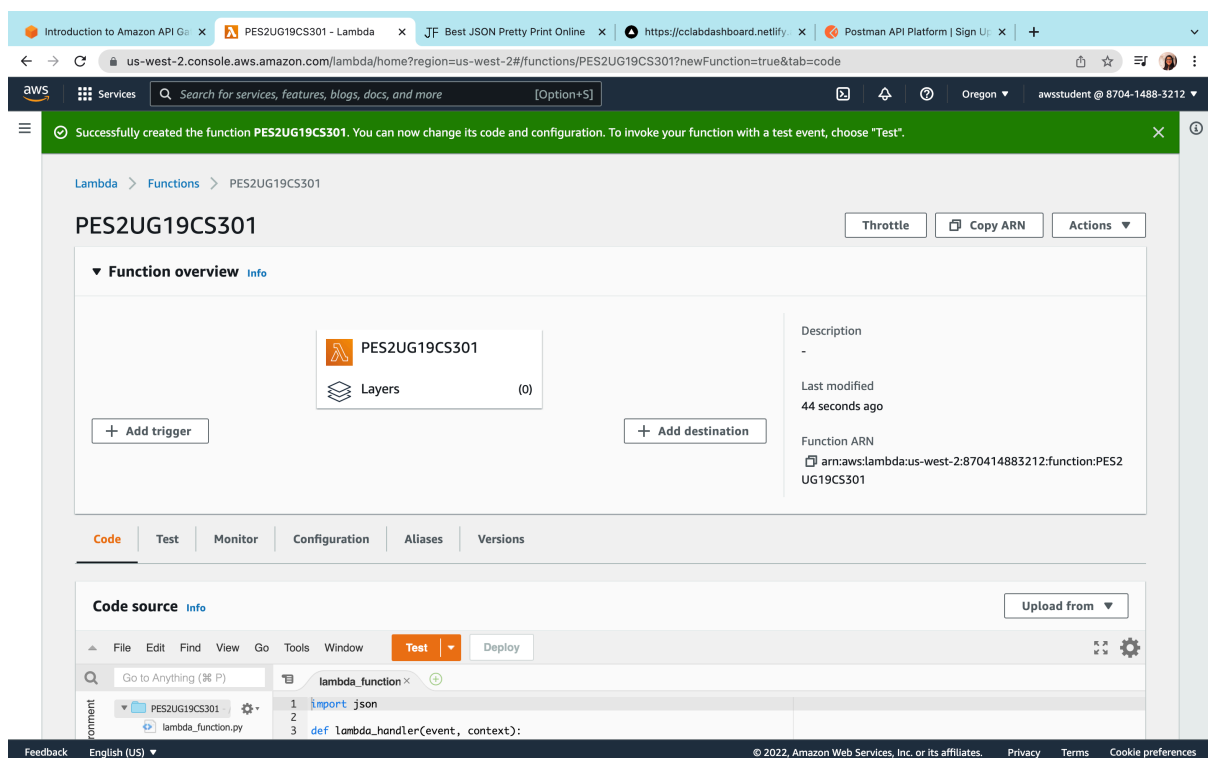
Assignment 1 - Introduction to REST APIs with AWS Lambda and API Gateway

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SRN : PES2UG19CS301

SECTION : E

1. PESX2019XXXXX_1a.png: Showing the lambda created with your SRN



The screenshot displays the AWS Lambda console for the function **PES2UG19CS301**. A green notification bar at the top states: "Successfully created the function PES2UG19CS301. You can now change its code and configuration. To invoke your function with a test event, choose 'Test'.".

The **Code source** tab is active, showing a code editor with the following Python code:

```
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
```

Below the code editor, the **Code properties** section shows:

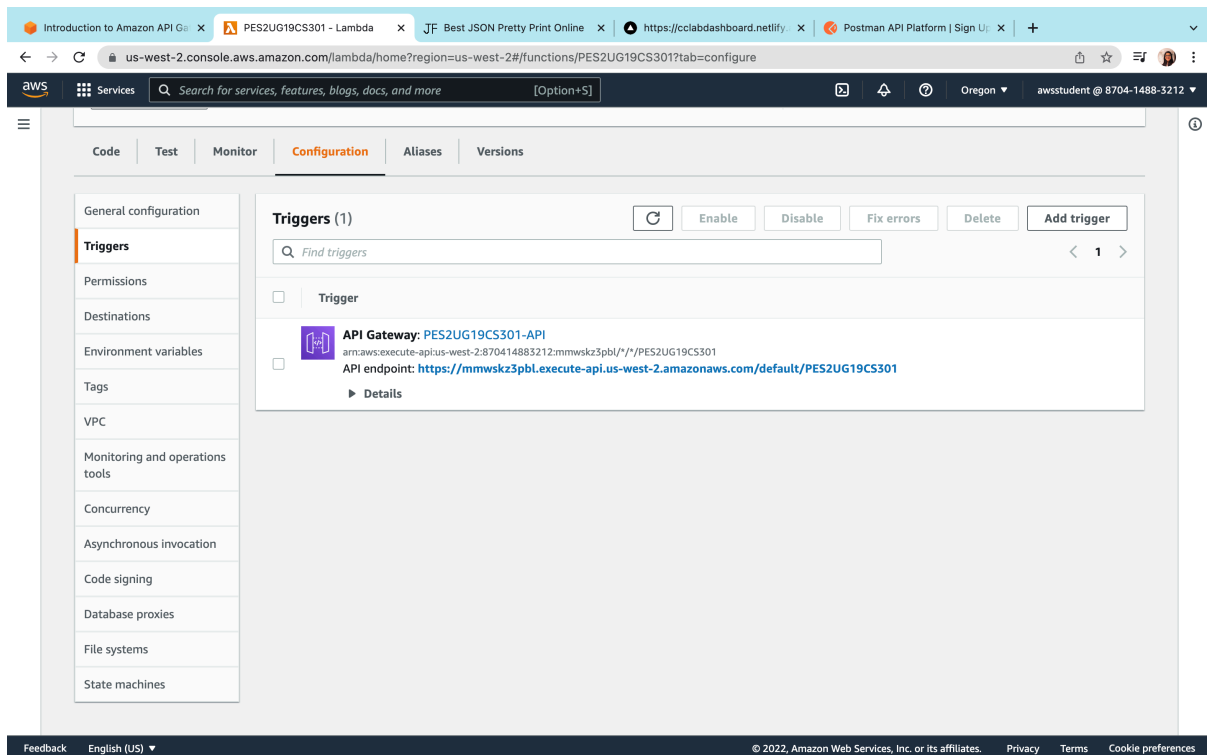
- Package size: 299.0 byte
- SHA256 hash: f106ZIRHj/KN6Ra3twvdRIUyaxv182Tjx0qNWNiKIh=
- Last modified: February 9, 2022, 03:16 PM GMT+5:30

The **Runtime settings** section shows:

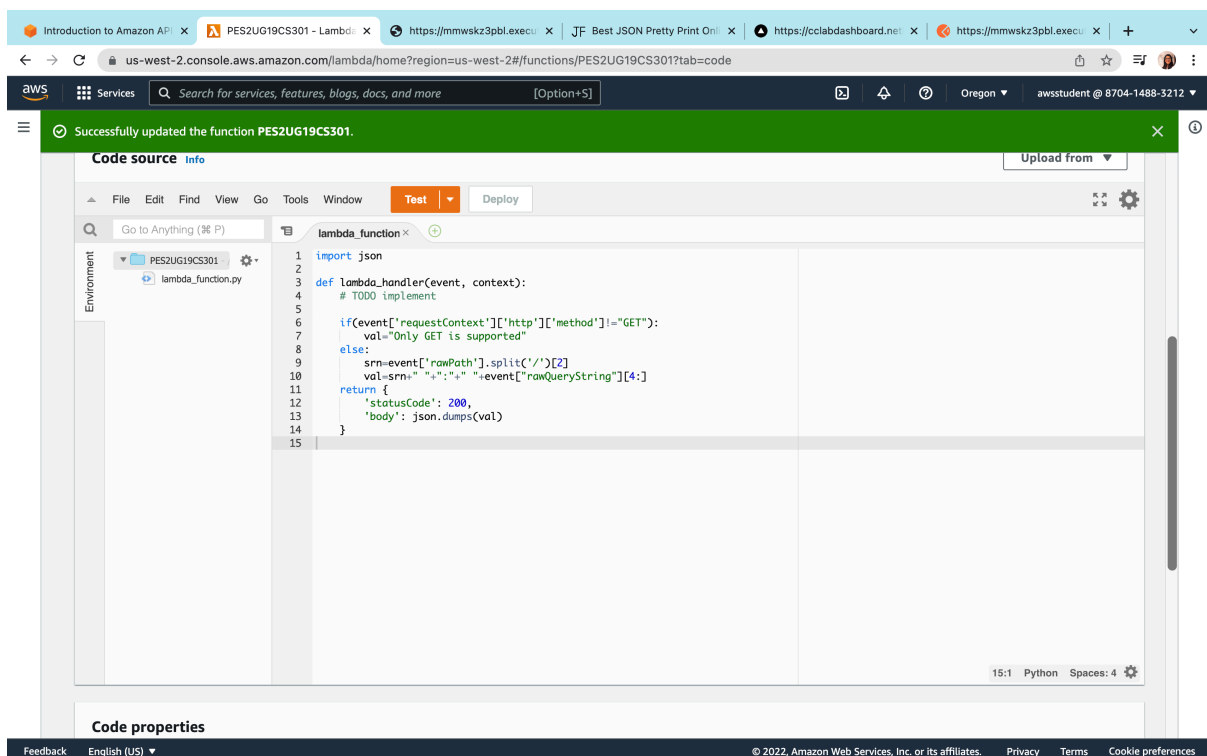
- Runtime: Python 3.9
- Handler: lambda_function.lambda_handler
- Architecture: x86_64

The **Layers** section shows a table with columns: Merge order, Name, Layer version, Compatible runtimes, Compatible architectures, and Version ARN. The table is currently empty, with a message "There is no data to display."

2. 1b.png: Showing the API Gateway created, and your unique URL in the configuration tab of the Lambda Function



3. 1c.png: A screenshot of the code that lets the Lambda function perform as per the requirements listed above.



4. 1d.png: A screenshot of the dashboard after submission showing all test cases have passed



Assignment 1 Dashboard

[How to submit?](#)

SRN

Make sure you enter your correct SRN before submitting

API Endpoint

Submit your API Endpoint for evaluation



Congratulations! All test cases have passed!

You may end the lab on qwiklabs. Please keep a copy of the code with you for future reference.