Cloud Computing: UE20CS352

Assignment 1 - Introduction to AWS Lambda with API Gateway
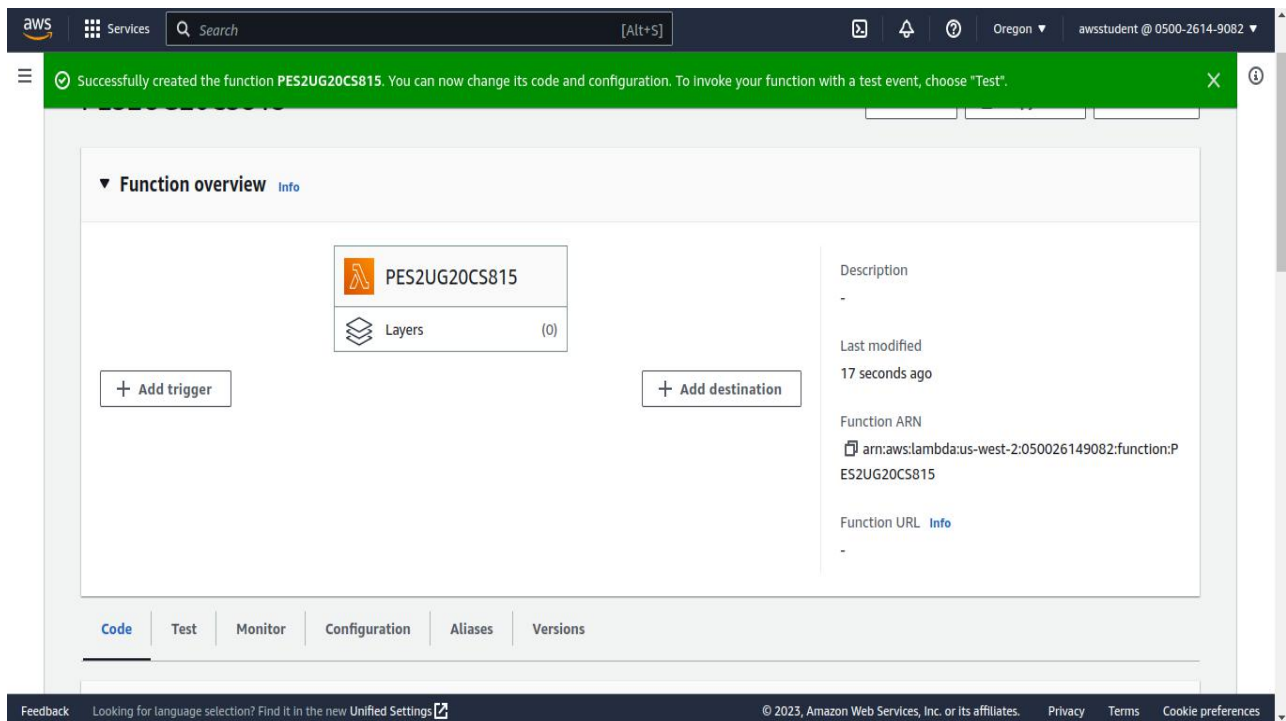
-<VIJAY J>,

Section <J>

-PES2UG20CS815

```
// Screenshots here are deliberately black screens; fill these in with your own.
```

1a: Lambda Function Created

1b: API Gateway created, trigger added

1c: Modified Lambda function


```python
import json
import base64, csv, io
from statistics import mean


def lambda_handler(event, context):
    if event['httpMethod'] == 'GET':
        val = event['queryStringParameters']['key']
        return {
        'statusCode': 200,
        'body': json.dumps(f"PES2UG20CS815: {val}")
        }


    elif event['httpMethod'] == 'POST':
        base64csv = event["body"]
        if base64csv == None:
            return {
            'statusCode': 200,
            'body': json.dumps("No CSV found.")
```

1d: Successful Postman GET request

1e: Successful Postman POST request

1f: Failed Postman PUT/DELETE/HEAD request