Module 9: Lambda Assignment

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Course Offered: -Advanced Cloud Computing and Devops
Assignment By: -Intellipaat
Trainer: -Puneet Gavri
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Problem Statement:

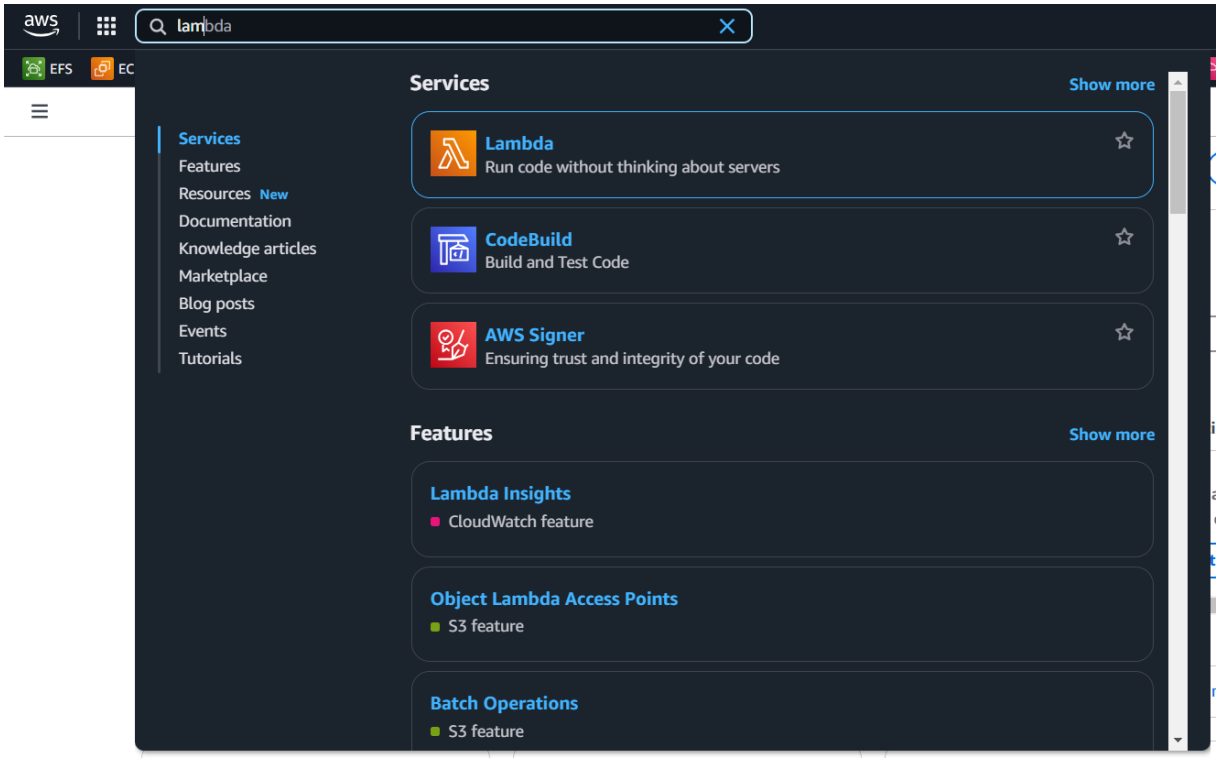
You work for XYZ Corporation. Your corporation wants to launch a new web-based application and they do not want their servers to be running all the time. It should also be managed by AWS. Implement suitable solutions.

Tasks To Be Performed:

1. Create a sample Python Lambda function.
2. Set the Lambda Trigger as SQS and send a message to test invocations.

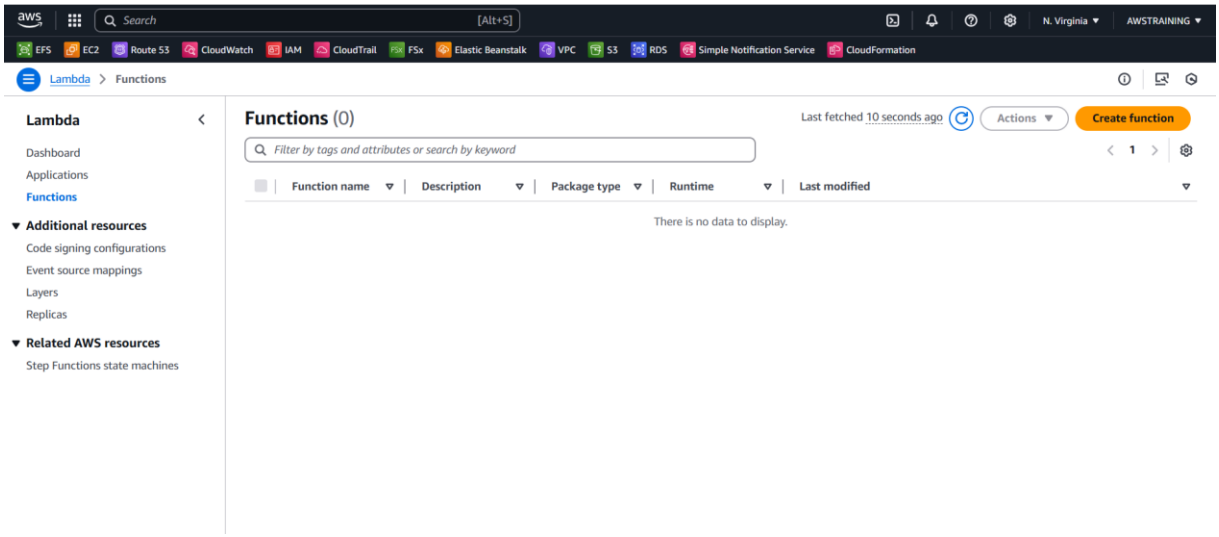
ANSWER:

Login to AWS Management Console then Search Lambda. you will see the lambda and click the lambda.



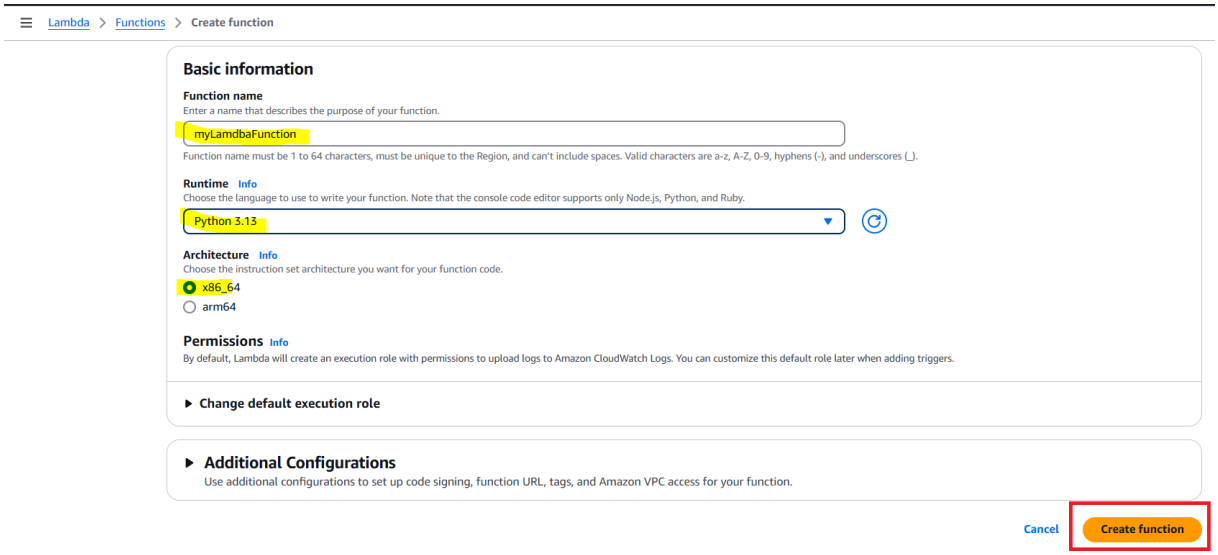
Then Open This Page.

Then Click Create Function

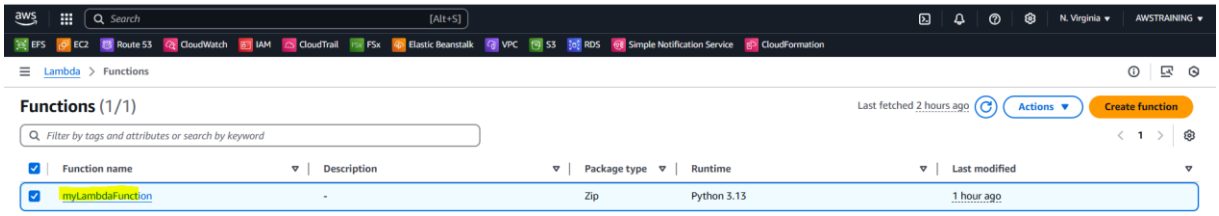


After Click the Create Function

You will like this page.in basic information.you need to assign the name of the fucntion name then runtime will be select python 3.35 and select x86_64

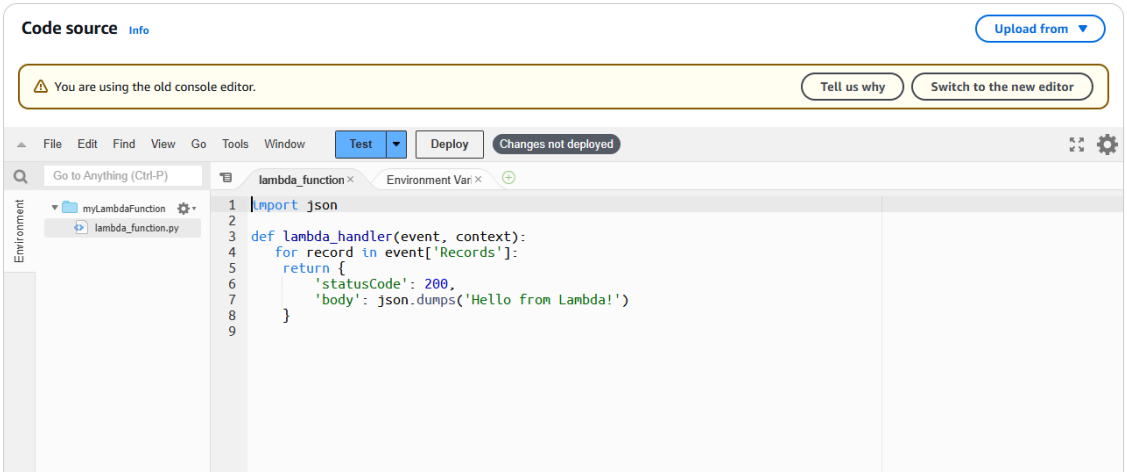


Then Click create function.



In Python scripts,you need to define the function

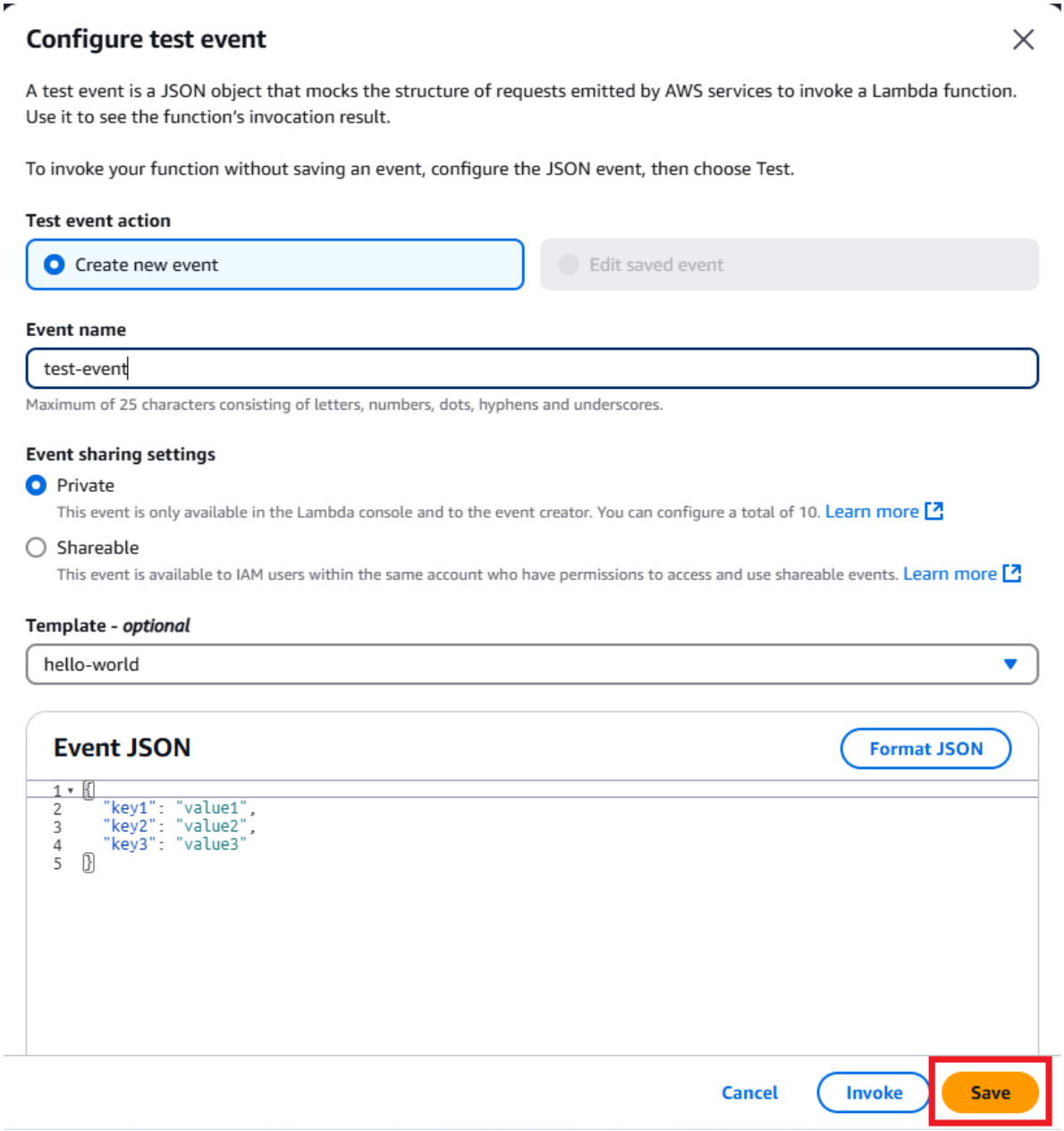
```
import json

def lambda_handler(event, context):
  for record in event['Records']:
   return {
      'statusCode': 200,
      'body': json.dumps('Hello from Lambda!')
   }
```



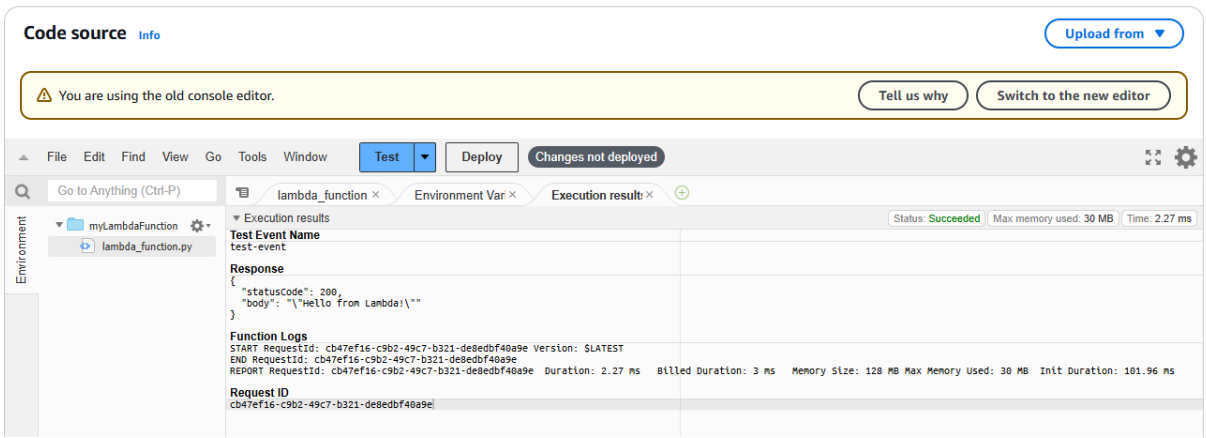
After Write the code we need to test the code.

For test the code click the test

We need to configure the test event



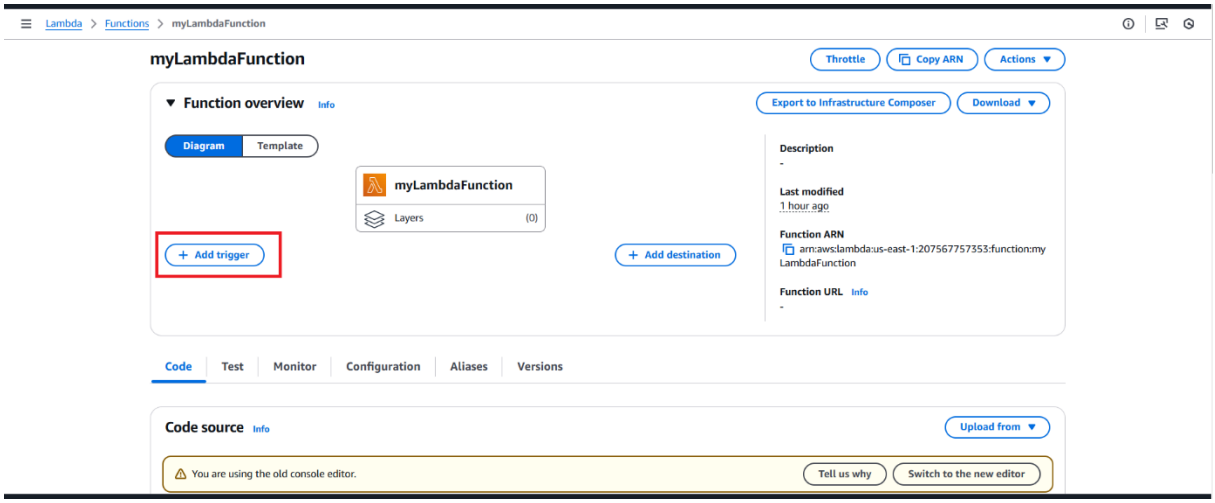
After Save the test event.you will see like this.



When you click on the test above the results

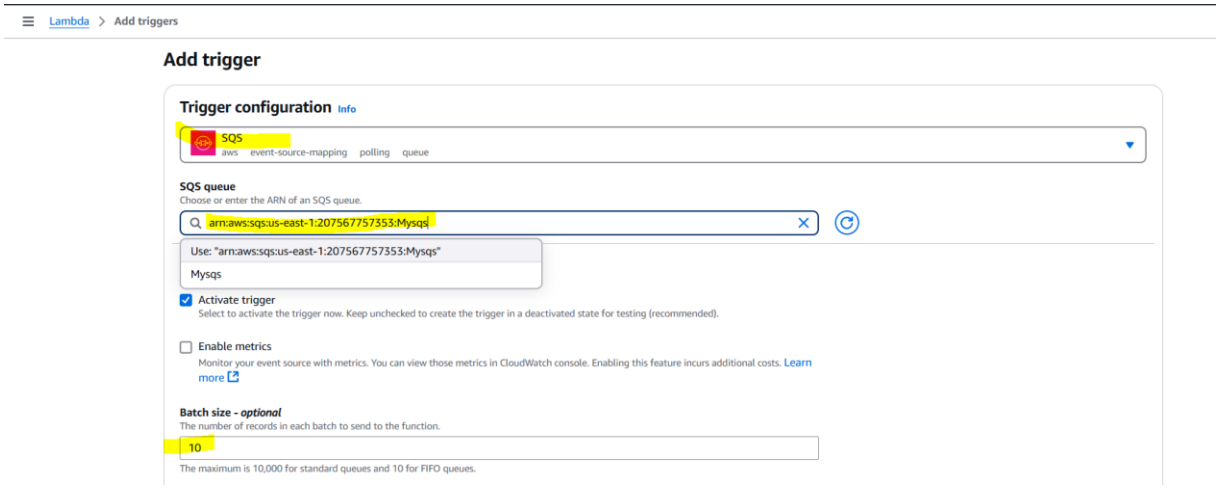
Then we need to create triggers.

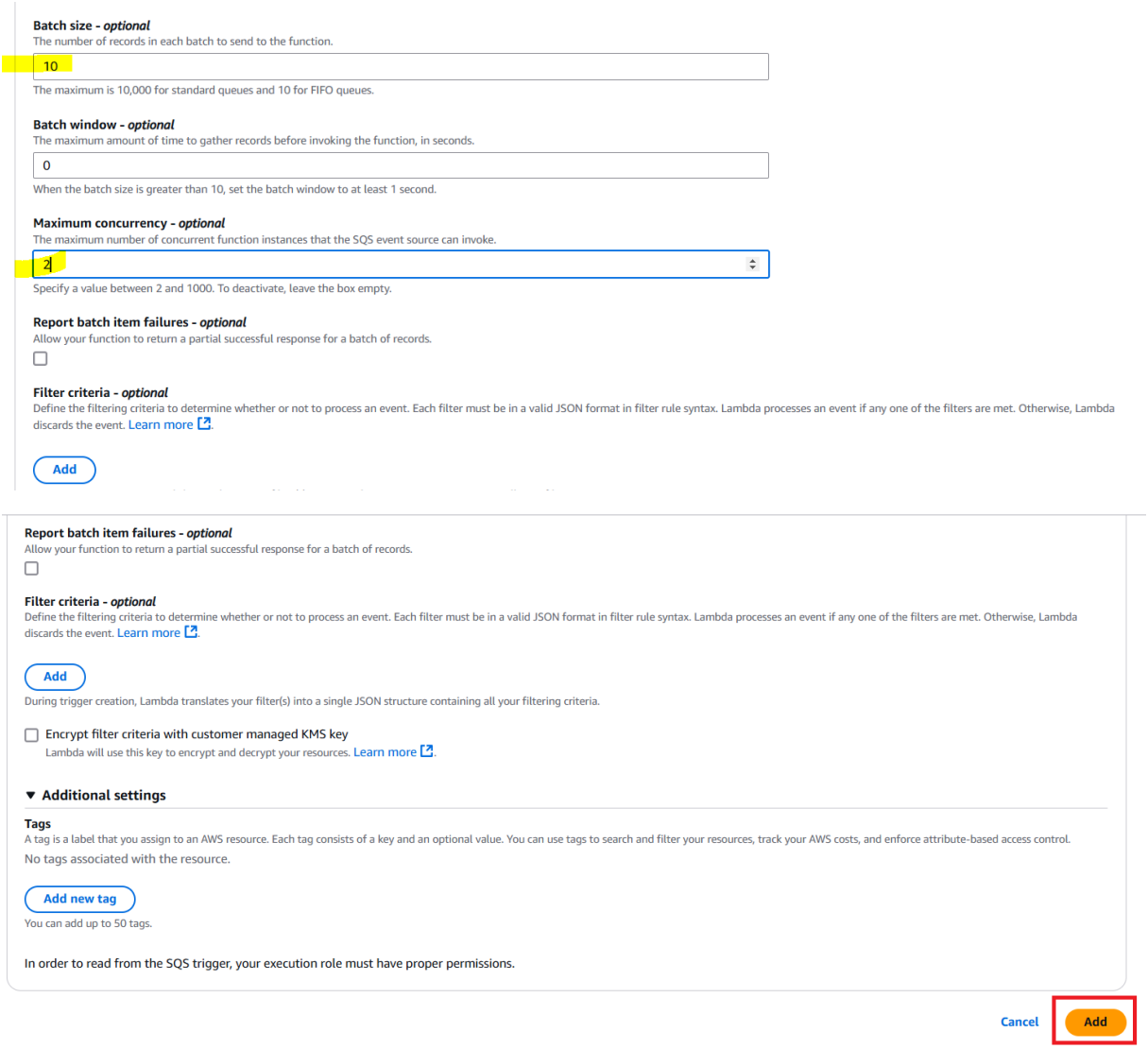
Add Trigger



We need to define the trigger configuration

We defined SQS Trigger Configuration.





That’s how you can create a Lambda function and adding the trigger.