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.

1. Create a sample Python Lambda function.

a)before creating lambda, create SQS Q and IAM ROLE for lambda.

Creating sqs

#### Go to Amazon sqs > create Q > Type FIFO > Name(myqforlambda.fifo) > Receive message wait time (20sec) > FIFO queue settings(enable both ) > rest default

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#### Creating IAM ROLE for lambda.

#### Go to IAM >roles > Create role> Trusted entity type (AWS service) > Service or use case (lambda) > Permissions policies

#### [AWSLambdaBasicExecutionRole](https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/policies/details/arn%3Aaws%3Aiam%3A%3Aaws%3Apolicy%2Fservice-role%2FAWSLambdaBasicExecutionRole)

#### [AmazonSQSReadOnlyAccess](https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/policies/details/arn%3Aaws%3Aiam%3A%3Aaws%3Apolicy%2FAmazonSQSReadOnlyAccess)

#### [AWSLambdaSQSQueueExecutionRole](https://us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/policies/details/arn%3Aaws%3Aiam%3A%3Aaws%3Apolicy%2Fservice-role%2FAWSLambdaSQSQueueExecutionRole)

#### Role name (roleforlambda)> create

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1. Create a sample Python Lambda function.

#### Go to lambda > Create function(Author from scratch)

#### Function name(demolabda) > Runtime( select program which one you want to run-python 3.12)

#### Permissions (Use an existing role- select iam role which you have created )> roleforlambda

#### Create

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**2. Set the Lambda Trigger as SQS and send a message to test invocations.**

#### ADD TRIGGER

#### Then open lambda you have created

#### Add trigger > Trigger configuration > select SQS source and add

#### Go to code tab write code for record and print received massage logs and deploy

#### Once it is done got to the sqs and send sample massages

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#### Sent test massages

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#### And it triggered and logs are recorded

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