

## **AWS: 1. Write an AWS Lambda function that adds two numbers and returns the result.**

Here's the step-by-step process to implement these Lambda functions:

Function 1: Add Numbers

Create a new Lambda function:

Go to AWS Lambda Console

Click "Create function"

Choose "Author from scratch"

Name: add\_numbers

Runtime: Python 3.9 (or later)

Architecture: x86\_64

Click "Create function"

**Type py code:**

**Deploy the code:**

Type this into the Lambda code editor

Click "Deploy"

Test the function:

Click "Test"

Create a new test event with this JSON:

**json**

```
{  
  "num1": 10,  
  "num2": 20  
}
```

Type this in json new test event

And click on save and run the test

Now u can see the output

The screenshot displays the AWS Lambda console interface for the 'add\_numbers' function. The 'Code source' tab is active, showing the 'lambda\_function.py' file. The 'Execution Results' section indicates a successful execution with a status of 'Succeeded'. The test event name is 'json', and the response is a JSON object: `{ "statusCode": 200, "body": "{\"result\": 30, \"message\": \"Success\"}" }`. The function logs show the start and end of the execution, with a duration of 1.94 ms. The billed duration is 2 ms, memory size is 128 MB, and max memory used is 31 MB. The request ID is 'f0809a7b-19bb-4361-86bc-d008633bcf18'. On the right, there is a 'Tutorials' section with a link to 'Create a simple web app' and a 'Start tutorial' button. The bottom of the screen shows the Windows taskbar with various application icons and the system clock.

us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/add\_numbers?tab=code

Code source info

Upload from

EXPLORER

ADD\_NUMBERS

lambda\_function.py

DEPLOY [UNDEPLOYED CHANGES]

You have undeployed changes.

Deploy (Ctrl+Shift+U)

Test (Ctrl+Shift+T)

TEST EVENTS [SELECTED: JSON]

Create new test event

PROBLEMS OUTPUT

Execution Results

Status: Succeeded

Test Event Name: json

Response:

```
{
  "statusCode": 200,
  "body": "{\"result\": 30, \"message\": \"Success\"}"
}
```

Function Logs:

START RequestId: f0809a7b-19bb-4361-86bc-d008633bcf18 Version: \$LATEST

END RequestId: f0809a7b-19bb-4361-86bc-d008633bcf18

REPORT RequestId: f0809a7b-19bb-4361-86bc-d008633bcf18 Duration: 1.94 ms

Billed Duration: 2 ms Memory Size: 128 MB Max Memory Used: 31 MB Init

Duration: 95.28 ms

Request ID: f0809a7b-19bb-4361-86bc-d008633bcf18

Info Tutorials

Learn how to implement common use cases in AWS Lambda.

Create a simple web app

In this tutorial you will learn how to:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

Learn more

Start tutorial

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