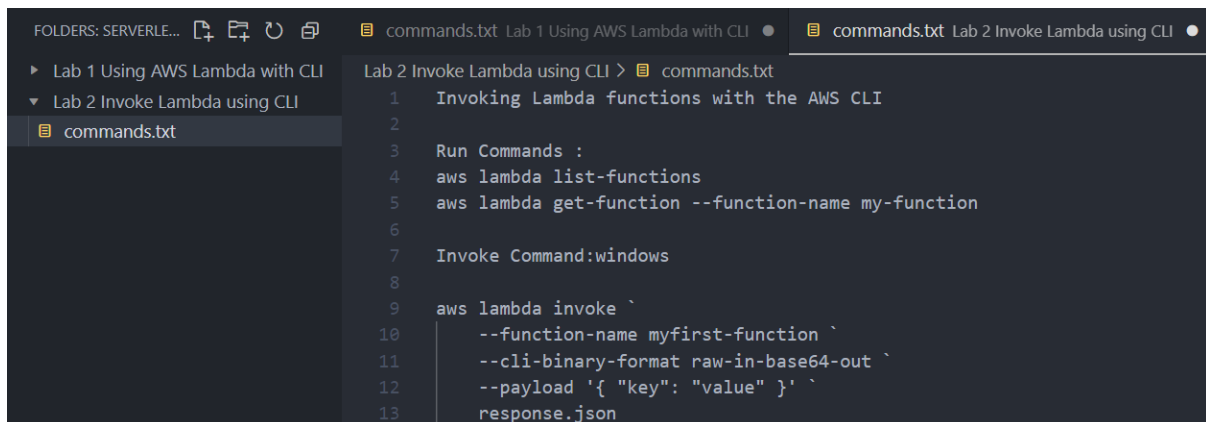




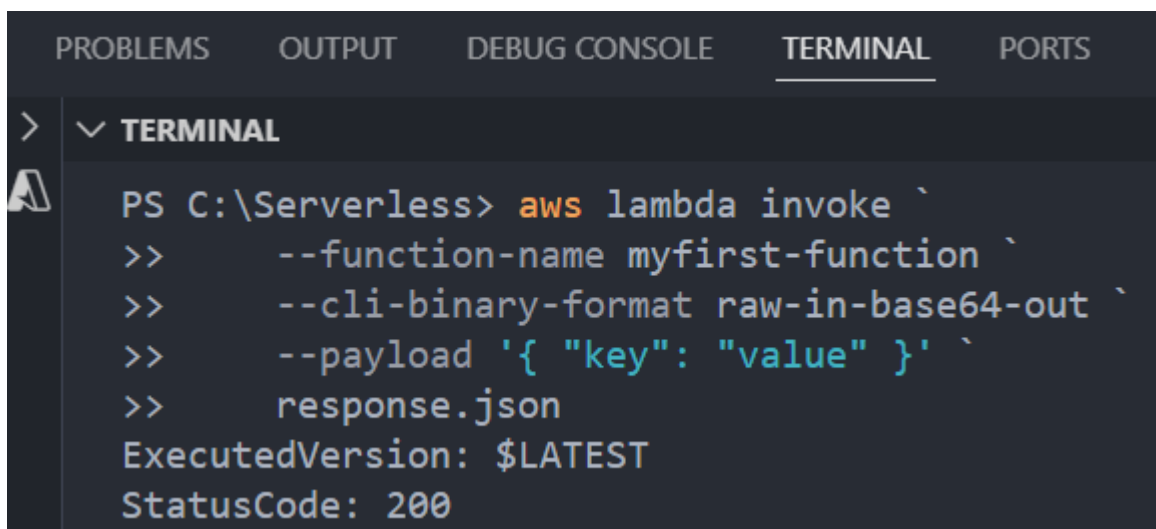
Invoking Lambda function using CLI

1. In the last lab we created our lambda function and we were able to see the configuration of our function using the CLI.
2. In this lab we are going to Invoke our lambda function using the CLI. For that, we are going to run some commands.
3. But first we need to create a new folder in which we will create a new file and this contains all the commands that we will use in this lab.



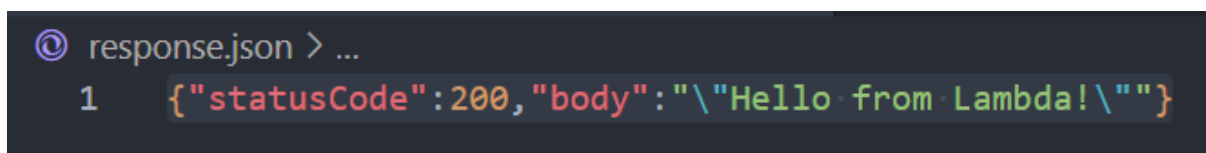
```
FOLDERS: SERVERLESS... commands.txt Lab 1 Using AWS Lambda with CLI commands.txt Lab 2 Invoke Lambda using CLI
Lab 2 Invoke Lambda using CLI > commands.txt
1 Invoking Lambda functions with the AWS CLI
2
3 Run Commands :
4 aws lambda list-functions
5 aws lambda get-function --function-name my-function
6
7 Invoke Command:windows
8
9 aws lambda invoke `
10 --function-name myfirst-function `
11 --cli-binary-format raw-in-base64-out `
12 --payload '{ "key": "value" }' `
13 response.json
```

4. Now just run the invoke lambda command and you will see that you get a response back.
5. Below you can see that we got the status code as 200 which means that we succeeded.



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
> ✓ TERMINAL
PS C:\Serverless> aws lambda invoke `
>> --function-name myfirst-function `
>> --cli-binary-format raw-in-base64-out `
>> --payload '{ "key": "value" }' `
>> response.json
ExecutedVersion: $LATEST
StatusCode: 200
```

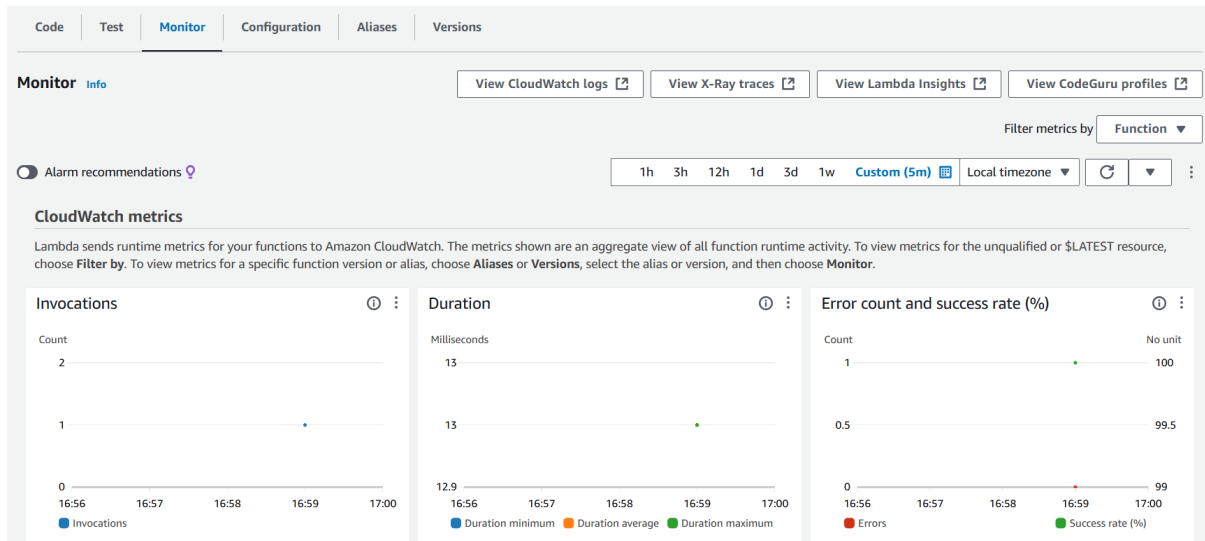
6. Also, a response.json file will be created in that you can see that you get the response as hello from lambda.



```
@ response.json > ...
1 {"statusCode":200,"body":"Hello from Lambda!\n"}
```

7. Now navigate to your lambda function and here go to the Monitor tab you will see that in the cloud watch metrics, you can see some dots which means that your function just

gets invoked. Click on View Cloud Watch logs and open the logs stream from log groups.



8. Here you will see that you have some log events and if you expand them then you can read the output.

The screenshot shows the AWS CloudWatch 'Log events' console. It displays a list of log events with columns for Timestamp and Message. The events include INIT_START, START, END, and REPORT messages. The interface includes a search bar, filter options, and buttons for actions like 'Start tailing' and 'Create metric filter'.

Timestamp	Message
No older events at this moment. Retry	
2024-11-11T16:59:52.508+05:30	INIT_START Runtime Version: nodejs:20.v43 Runtime Version ARN: arn:aws:lambda:us-east-1::runtime:d087c1f568d9696a7d95ae9c695...
2024-11-11T16:59:52.647+05:30	START RequestId: 159aceeb-38e5-45b8-8740-3a179280717b Version: \$LATEST
2024-11-11T16:59:52.661+05:30	END RequestId: 159aceeb-38e5-45b8-8740-3a179280717b
2024-11-11T16:59:52.661+05:30	REPORT RequestId: 159aceeb-38e5-45b8-8740-3a179280717b Duration: 12.97 ms Billed Duration: 13 ms Memory Size: 128 MB Max Mem...
No newer events at this moment. Auto retry paused. Resume	