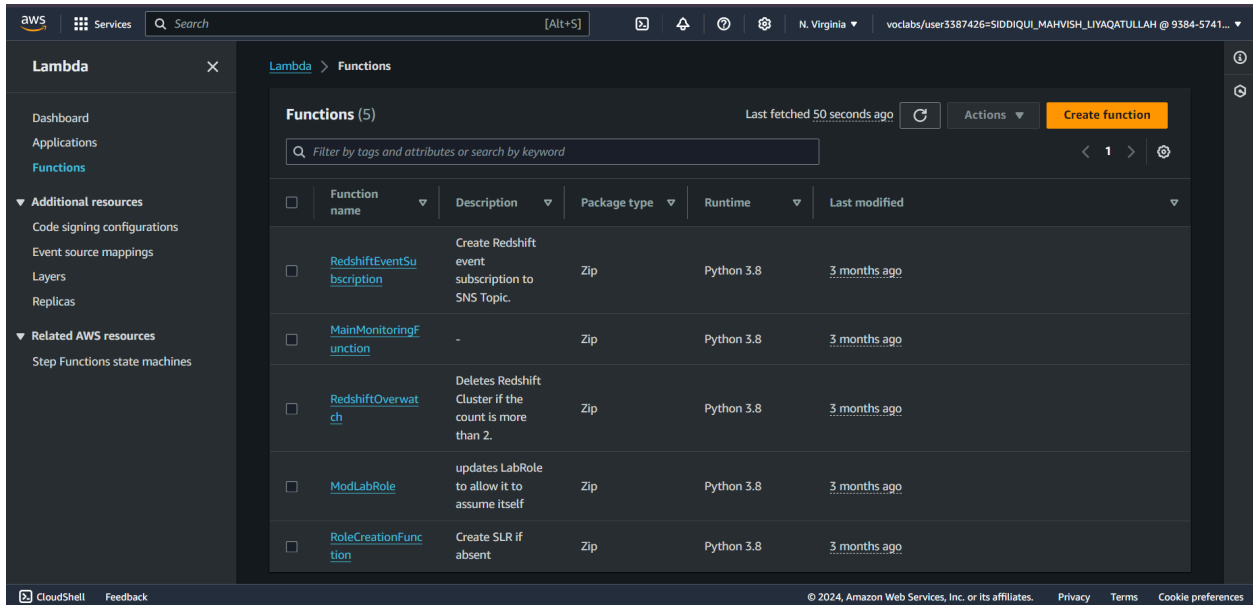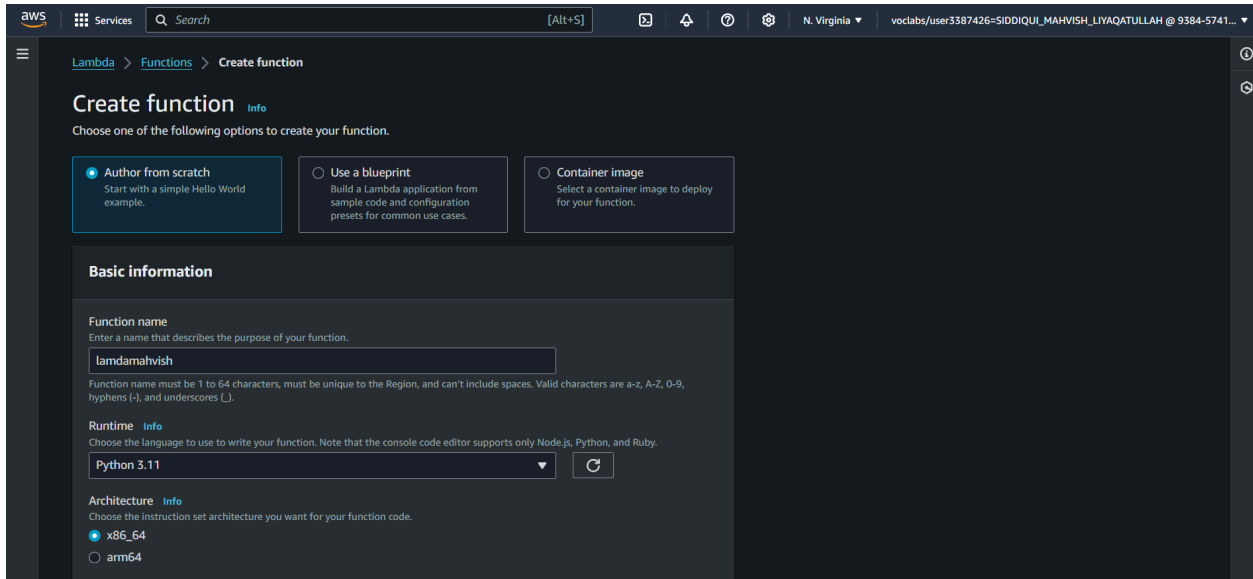# Experiment 11
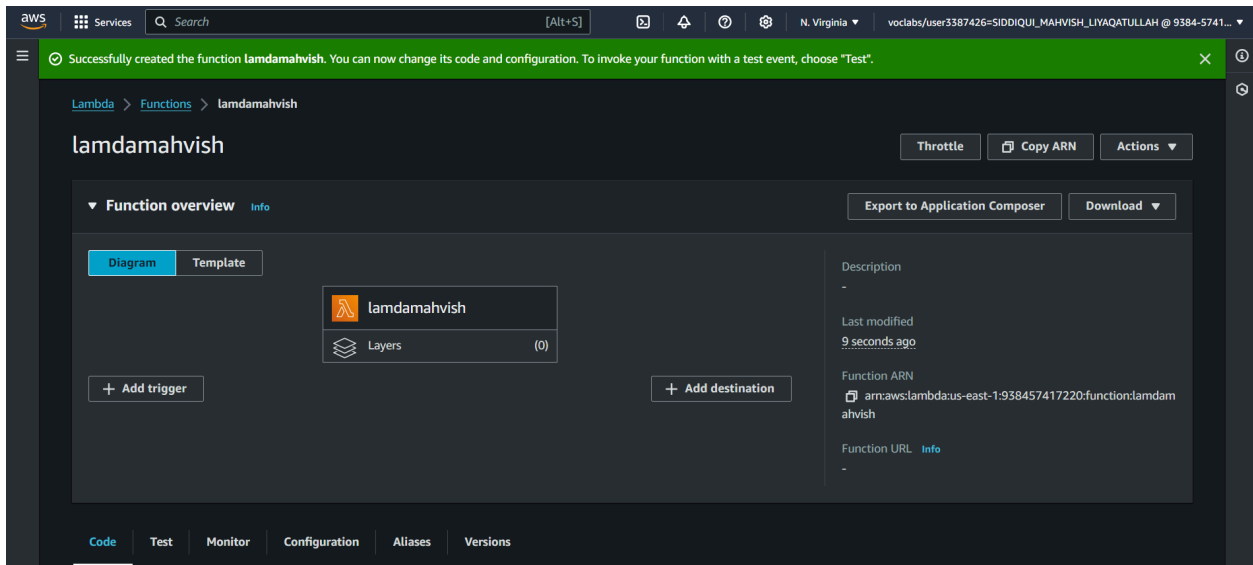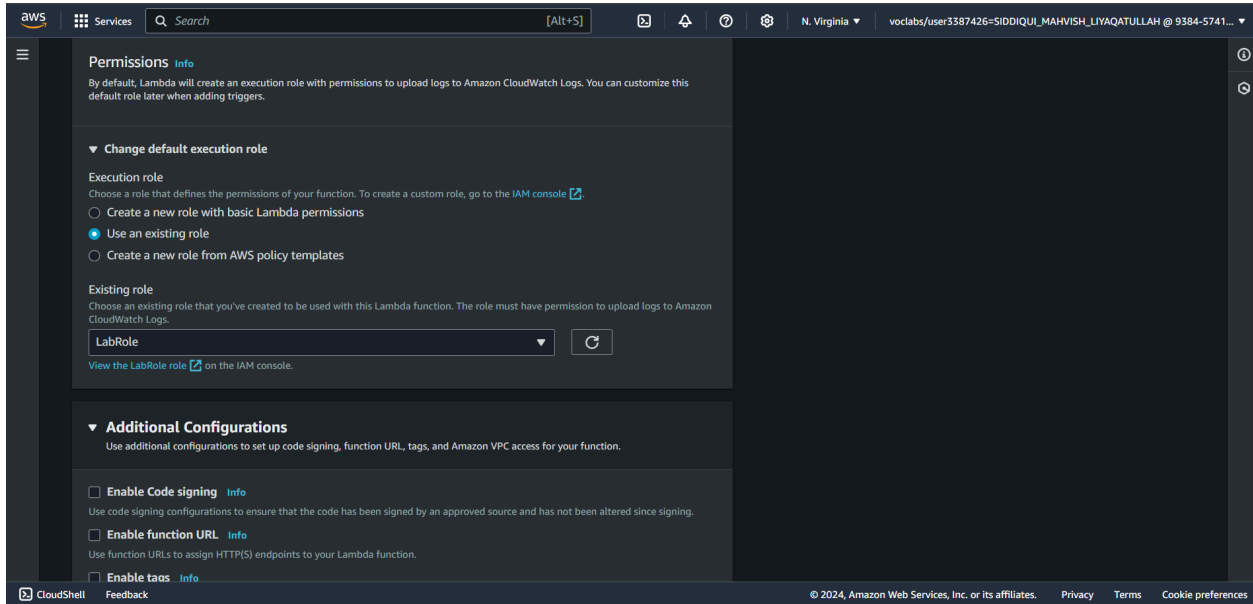
1. Go to your AWS account and search for Lamda

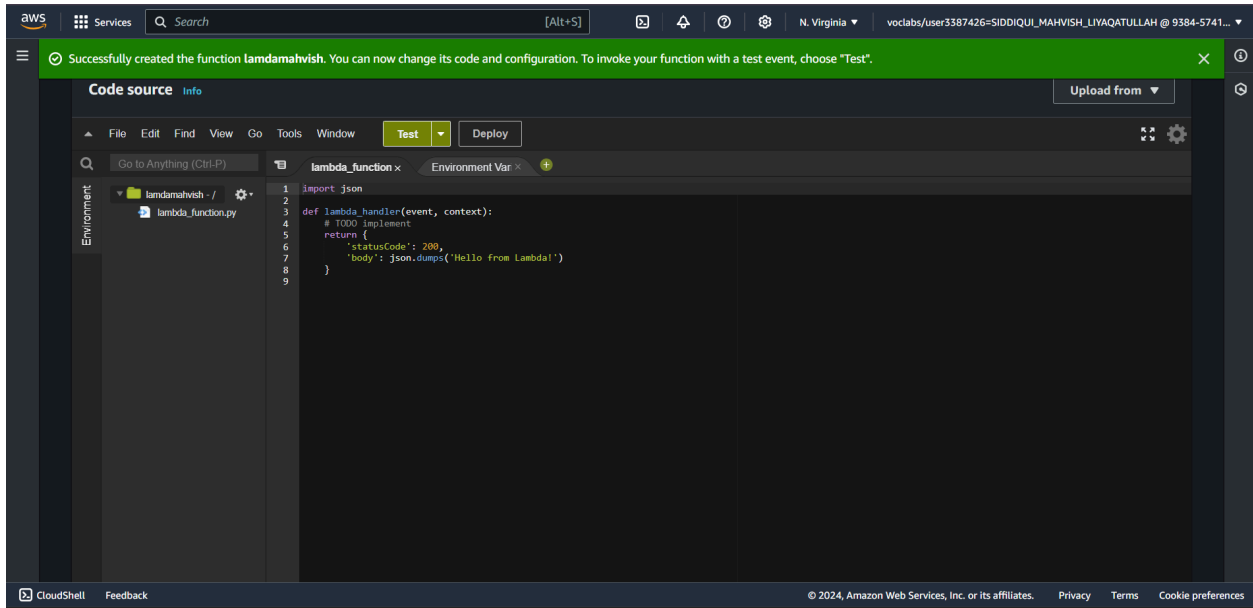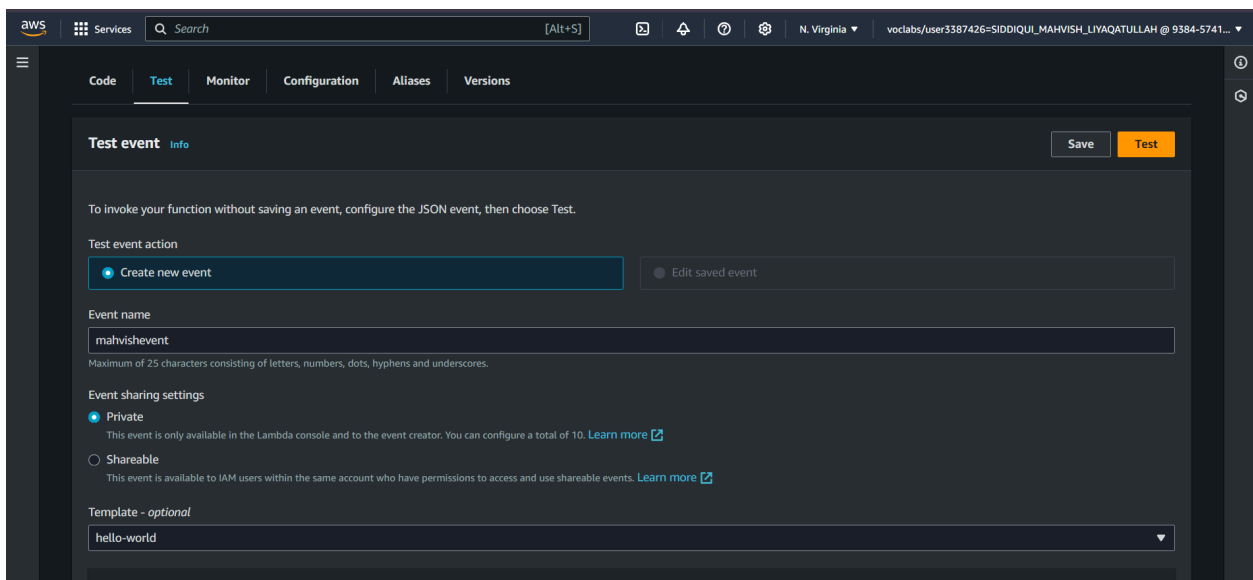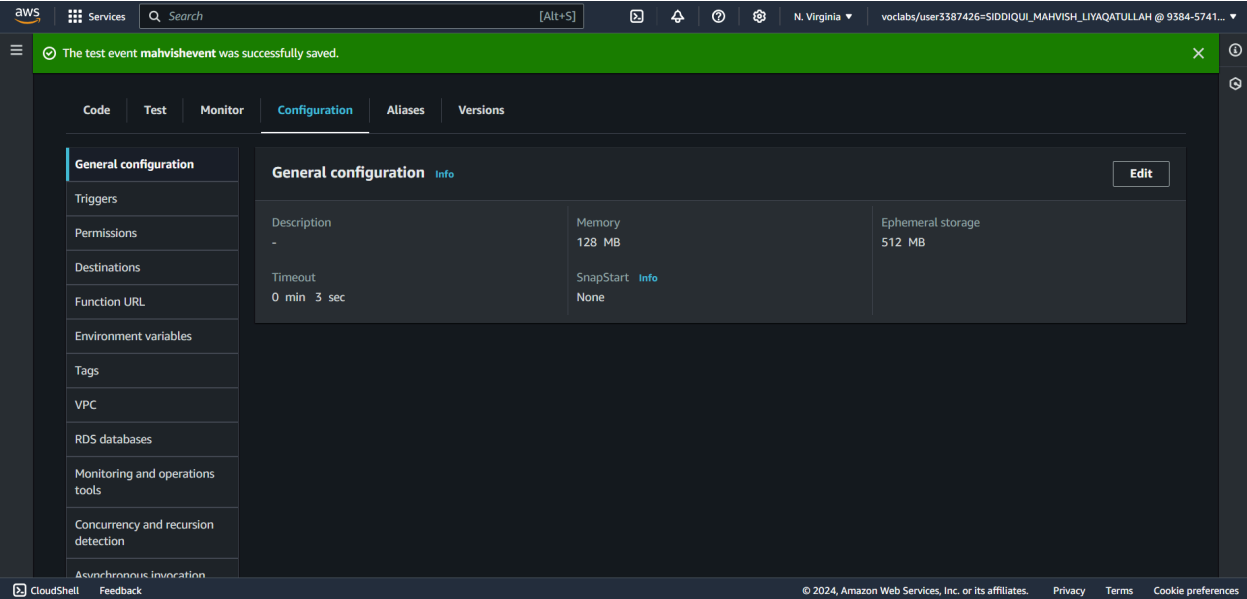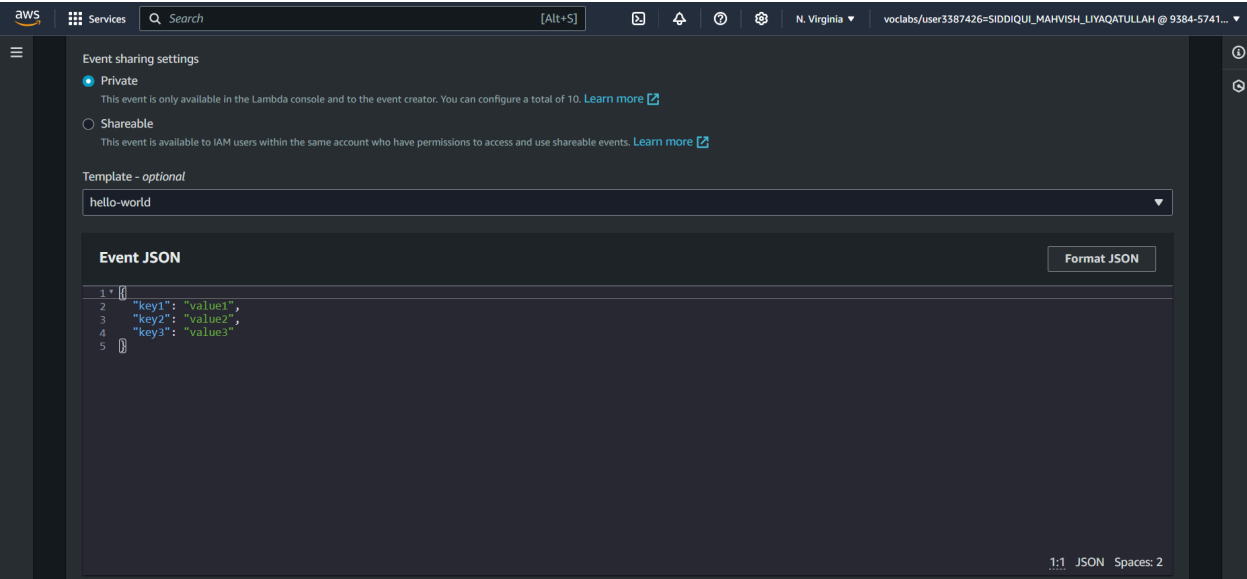2. Create a new Lambda function

Use Labrole as user role.

Permissions Info

By default, Lambda will create an execution role with permissions to upload logs to Amazon CloudWatch Logs. You can customize this default role later when adding triggers.

▼ **Change default execution role**

Execution role
Choose a role that defines the permissions of your function. To create a custom role, go to the IAM console 🔗.

○ Create a new role with basic Lambda permissions
● Use an existing role
○ Create a new role from AWS policy templates

Existing role
Choose an existing role that you've created to be used with this Lambda function. The role must have permission to upload logs to Amazon CloudWatch Logs.

[LabRole ▾]　[⟳]

View the LabRole role 🔗 on the IAM console.

▼ **Additional Configurations**
Use additional configurations to set up code signing, function URL, tags, and Amazon VPC access for your function.

☐ **Enable Code signing**　Info
Use code signing configurations to ensure that the code has been signed by an approved source and has not been altered since signing.

☐ **Enable function URL**　Info
Use function URLs to assign HTTP(S) endpoints to your Lambda function.

☐ **Enable tags**　Info

⊘ Successfully created the function **lamdamahvish**. You can now change its code and configuration. To invoke your function with a test event, choose "Test".   ✕

Lambda 〉 Functions 〉 lamdamahvish

lamdamahvish

[Throttle]   [📋 Copy ARN]   [Actions ▾]

▼ **Function overview**　Info

[Export to Application Composer]   [Download ▾]

[**Diagram**] [Template]

λ lamdamahvish
☰ Layers   (0)

[+ Add trigger]

[+ Add destination]

Description
-

Last modified
9 seconds ago

Function ARN
📋 arn:aws:lambda:us-east-1:938457417220:function:lamdamahvish

Function URL　Info
-

Code   Test   Monitor   Configuration   Aliases   Versions

3. Create a new test event and save it.

Event sharing settings

◉ Private
   This event is only available in the Lambda console and to the event creator. You can configure a total of 10. Learn more ⧉

◯ Shareable
   This event is available to IAM users within the same account who have permissions to access and use shareable events. Learn more ⧉

Template - *optional*

hello-world ▼

Event JSON   [Format JSON]

```
1  {
2      "key1": "value1",
3      "key2": "value2",
4      "key3": "value3"
5  }
```

1:1   JSON   Spaces: 2

⊘ The test event **mahvishevent** was successfully saved.   ✕

Code   Test   Monitor   **Configuration**   Aliases   Versions

General configuration

Triggers

Permissions

Destinations

Function URL

Environment variables

Tags

VPC

RDS databases

Monitoring and operations tools

Concurrency and recursion detection

Asynchronous invocation

General configuration   Info   [Edit]

Description	Memory	Ephemeral storage
-	128 MB	512 MB
Timeout	**SnapStart** Info	
0 min 3 sec	None	

4. Change the basic settings

5. Edit the code as required and ctrl+ s to save it. Click on Deploy
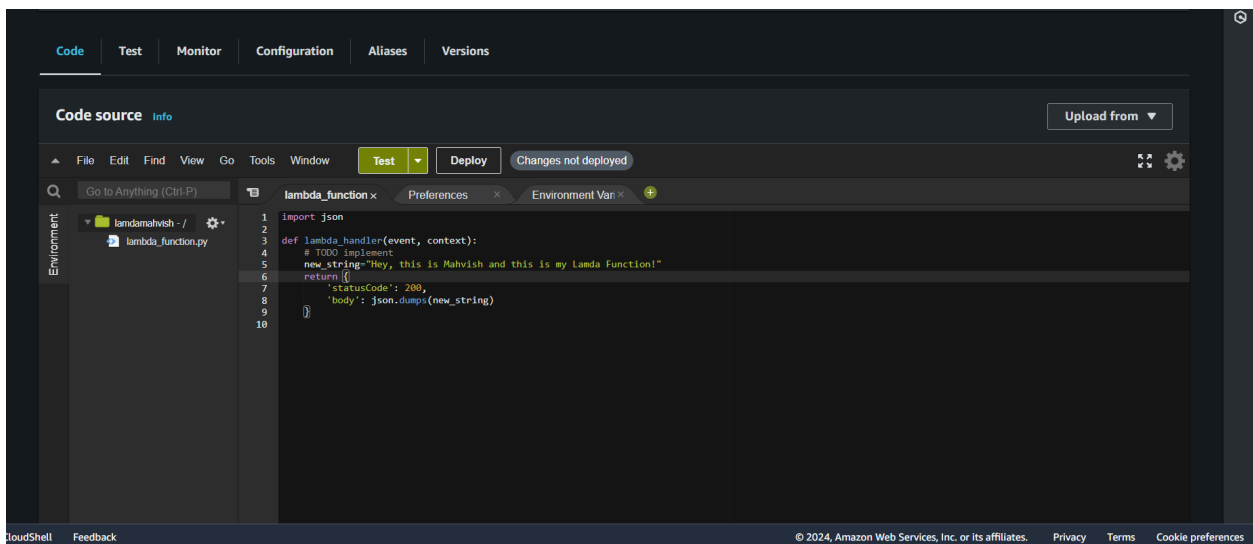
6. Create a new test and click on Test

7. After this, the result can be seen