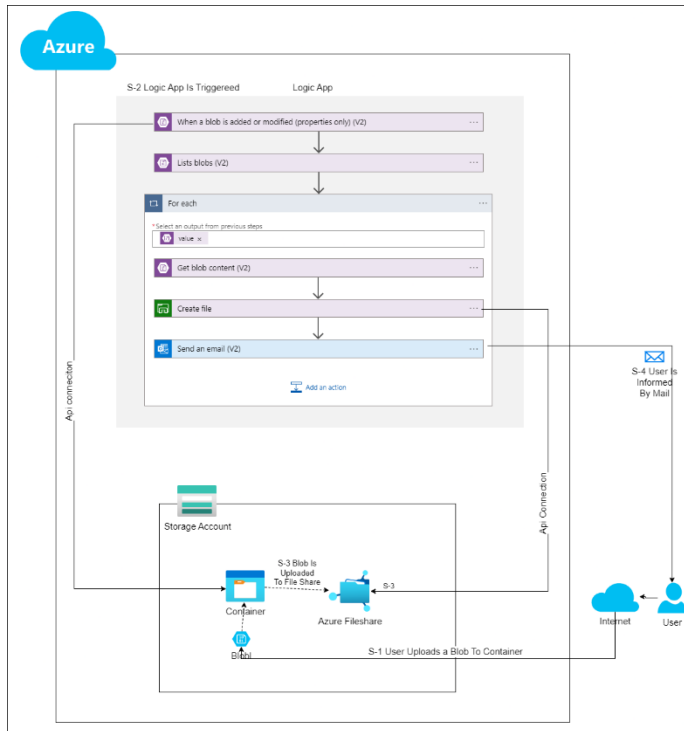


Aim: To Create a Logic App In azure to Demonstrate skills.

Architecture:



Steps:

1. Create A resource Group.

The screenshot shows the 'Create a resource group' page in the Microsoft Azure portal. The page is titled 'Create a resource group' and has a breadcrumb trail 'Home > Resource groups >'. Below the title, there are tabs for 'Basics', 'Tags', and 'Review + create'. The 'Basics' tab is selected. The page contains a description of a resource group and a form to create one. The form has two sections: 'Project details' and 'Resource details'. In the 'Project details' section, the 'Subscription' is set to 'Azure for Students' and the 'Resource group' is set to 'LogicApp'. In the 'Resource details' section, the 'Region' is set to '(Asia Pacific) Central India'. At the bottom of the form, there are buttons for 'Review + create', '< Previous', and 'Next: Tags >'. The Windows taskbar is visible at the bottom of the browser window.

Create a resource group - Micro x +

portal.azure.com/#create/Microsoft.ResourceGroup

Microsoft Azure Search resources, services, and docs (G+)

diveshkkolhe@gmail.com

Home > Resource groups >

Create a resource group

Basics Tags Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Project details

Subscription * Azure for Students

Resource group * LogicApp

Resource details

Region * (Asia Pacific) Central India

Review + create < Previous Next: Tags >

The screenshot shows the 'Resource groups' page in the Microsoft Azure portal. The page is titled 'Resource groups' and has a breadcrumb trail 'Home >'. Below the title, there are buttons for 'Create', 'Manage view', 'Refresh', 'Export to CSV', 'Open query', and 'Assign tags'. There is a filter bar with 'Filter for any field...', 'Subscription equals all', 'Location equals all', and 'Add filter'. Below the filter bar, it says 'Showing 1 to 1 of 1 records.' There is a table with columns for 'Name', 'Subscription', and 'Location'. The table has one row with the resource group 'LogicApp' under the subscription 'Azure for Students' and location 'Central India'. At the bottom of the table, there are buttons for '< Previous', 'Page 1 of 0', and 'Next >'. The Windows taskbar is visible at the bottom of the browser window.

Resource groups - Microsoft Az x +

portal.azure.com/#view/HubsExtension/BrowseResourceGroups

Microsoft Azure Search resources, services, and docs (G+)

diveshkkolhe@gmail.com

Home >

Resource groups

Default Directory

+ Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field... Subscription equals all Location equals all Add filter

Showing 1 to 1 of 1 records.

Name	Subscription	Location
LogicApp	Azure for Students	Central India

< Previous Page 1 of 0 Next >

Give feedback

2. Create A Storage Account:

The screenshot shows the 'Create a storage account' wizard in the Azure portal. The browser address bar shows the URL `portal.azure.com/#create/Microsoft.StorageAccount-ARM`. The page title is 'Create a storage account'. The 'Project details' section is active, showing the subscription 'Azure for Students' and resource group 'LogicApp'. The 'Instance details' section is also visible, showing the storage account name 'logicappproject78', region '(Asia Pacific) Central India', performance 'Standard', and redundancy 'Locally-redundant storage (LRS)'. The 'Review' button is at the bottom left, and the 'Next: Advanced >' button is at the bottom right.

Create a storage account - Micro x +

portal.azure.com/#create/Microsoft.StorageAccount-ARM

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Microsoft Azure Search resources, services, and docs (G+)

diveshkkothe@gmail.com DEFAULT DIRECTORY

Home > Storage accounts >

Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review

Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. [Learn more about Azure storage accounts](#)

Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription * Azure for Students

Resource group * LogicApp
[Create new](#)

Review < Previous Next: Advanced > Give feedback

Type here to search

Create a storage account - Micro x +

portal.azure.com/#create/Microsoft.StorageAccount-ARM

E-CLASS Announcements Getting Started with... DataCamp's Fast Tra... Best Free Online Co... HTML, CSS, and Jav... ESSO-INCOIS-India... Coderbyte | The #1... All Bookmarks

Microsoft Azure Search resources, services, and docs (G+)

diveshkkothe@gmail.com DEFAULT DIRECTORY

Home > Storage accounts >

Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review

Resource group * LogicApp
[Create new](#)

Instance details

Storage account name * logicappproject78

Region * (Asia Pacific) Central India
[Deploy to an edge zone](#)

Performance * ☒ Standard: Recommended for most scenarios (general-purpose v2 account)
☐ Premium: Recommended for scenarios that require low latency.

Redundancy * Locally-redundant storage (LRS)

Review < Previous Next: Advanced > Give feedback

Type here to search

Enable Anonymous Access:

The screenshot shows the Microsoft Azure portal interface for creating a storage account. The browser address bar displays `portal.azure.com/#create/Microsoft.StorageAccount-ARM`. The page title is "Create a storage account".

Security Section:

- Require secure transfer for REST API operations: ☒
- Allow enabling anonymous access on individual containers: ☒
- Enable storage account key access: ☒
- Default to Microsoft Entra authorization in the Azure portal: ☐

Review Section:

Deploying...

Configuration	Value
Container retention period in days	7
File share soft delete	Enabled
File share retention period in days	7
Versioning	Disabled
Blob change feed	Disabled
Version-level immutability support	Disabled

Encryption Section:

Configuration	Value
Encryption type	Microsoft-managed keys (MMK)
Enable support for customer-managed keys	Blobs and files only
Enable infrastructure encryption	Disabled

At the bottom, there is a "Create" button and a "Next >" button. A notification box in the top right corner states: "*** Initializing deployment... Initializing template deployment to resource group 'LogicApp'".

Create.

3. Create a Container: (with anonymous access enabled).

The screenshot shows the 'New container' wizard in the Microsoft Azure portal. The container name is 'logicapp1'. The anonymous access level is set to 'Container (anonymous read access for containers and blobs)'. A warning message states: 'All container and blob data can be read by anonymous request. Clients can enumerate blobs within the container by anonymous request, but cannot enumerate containers within the storage account.' The 'Create' button is visible at the bottom right of the wizard.

4. Create A File Share:

The screenshot shows the 'New file share' wizard in the Microsoft Azure portal. The file share name is 'logicappfileshare78' and the tier is 'Transaction optimized'. The performance section shows: Maximum IO/s: 1000, Maximum capacity: 5 TiB, Large file shares: Disabled. A message states: 'You can improve performance and maximum share capacity by enabling large file shares for this storage account. Learn more.' The 'Review + create' button is visible at the bottom left of the wizard.

5. Create The Logic App:

portal.azure.com/#create/Microsoft.LogicApp

Microsoft Azure

Home > Logic apps >

Create Logic App

Basics Hosting Networking Monitoring Tags Review + create

Create a logic app, which lets you group workflows as a logical unit for easier management, deployment and sharing of resources. Workflows let you connect your business-critical apps and services with Azure Logic Apps, automating your workflows without writing a single line of code.

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *

Resource Group * [Create new](#)

Instance Details

Logic App name * .azurewebsites.net

Publish * ☒ Workflow ☐ Container Image

Region *

[Review + create](#) < Previous Next: Hosting >

There are no log analytics workspace resources in the selected subscription. In order to enable log analytics, either create a new log analytics workspace resource or switch to a subscription which already has one.

Plan

The plan type you choose dictates how your app scales, what features are enabled, and how it is priced. [Learn more](#)

Plan type *

☐ **Standard:** Best for enterprise-level, serverless applications, with event-based scaling and networking isolation.

☒ **Consumption:** Best for entry-level. Pay only as much as your workflow runs.

[Looking for the classic consumption create experience? Click here](#)

Zone redundancy (preview)

Set up your Consumption logic app to use availability zones in Azure regions that support zone redundancy. This option is available only when you create and deploy your logic app. Eventually, all Consumption logic apps in zone supported regions will enable availability zones by default. [Learn more](#)

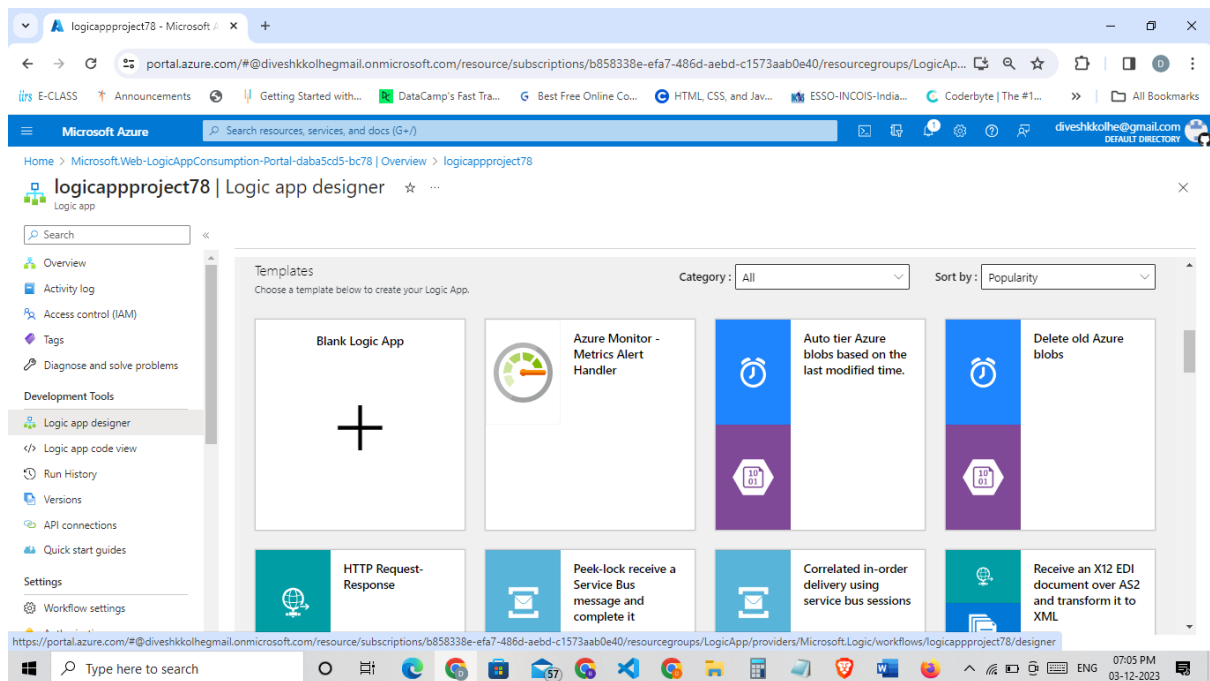
Zone redundancy

☐ **Enabled:** Your Consumption logic app uses availability zone.

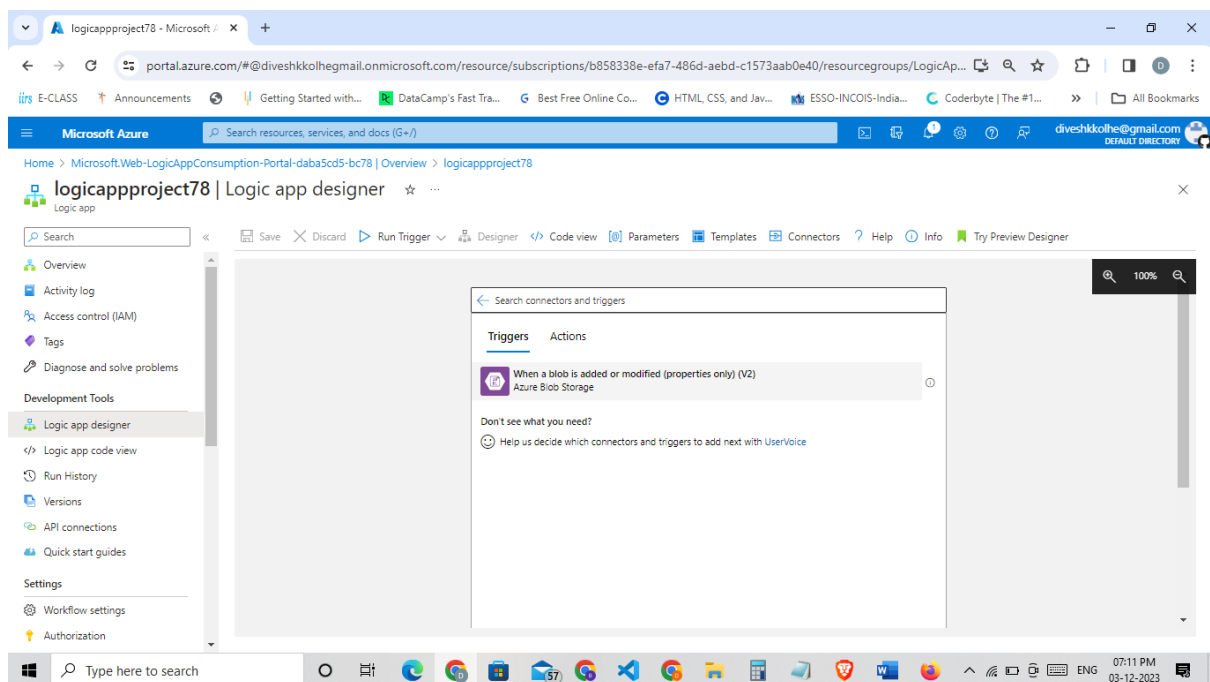
☒ **Disabled:** Your Consumption logic app doesn't use availability zones.

[Review + create](#) < Previous Next: Tags >

6. In logic app go to logic app designer and create a blank logic app.

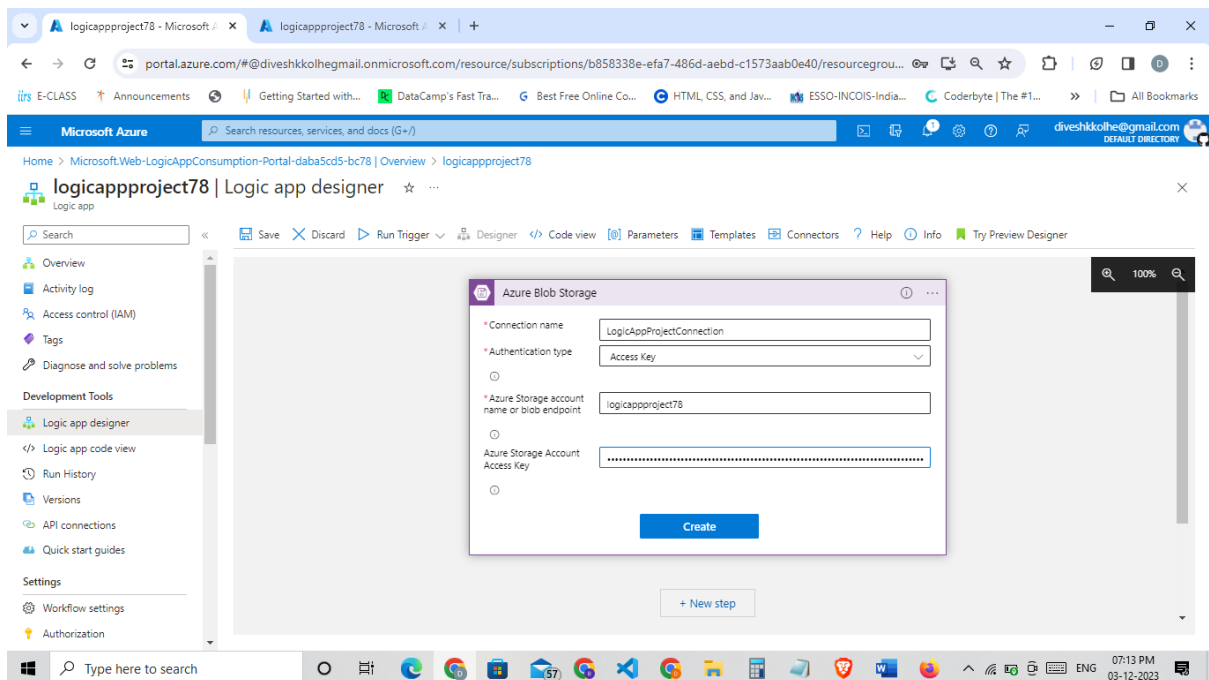
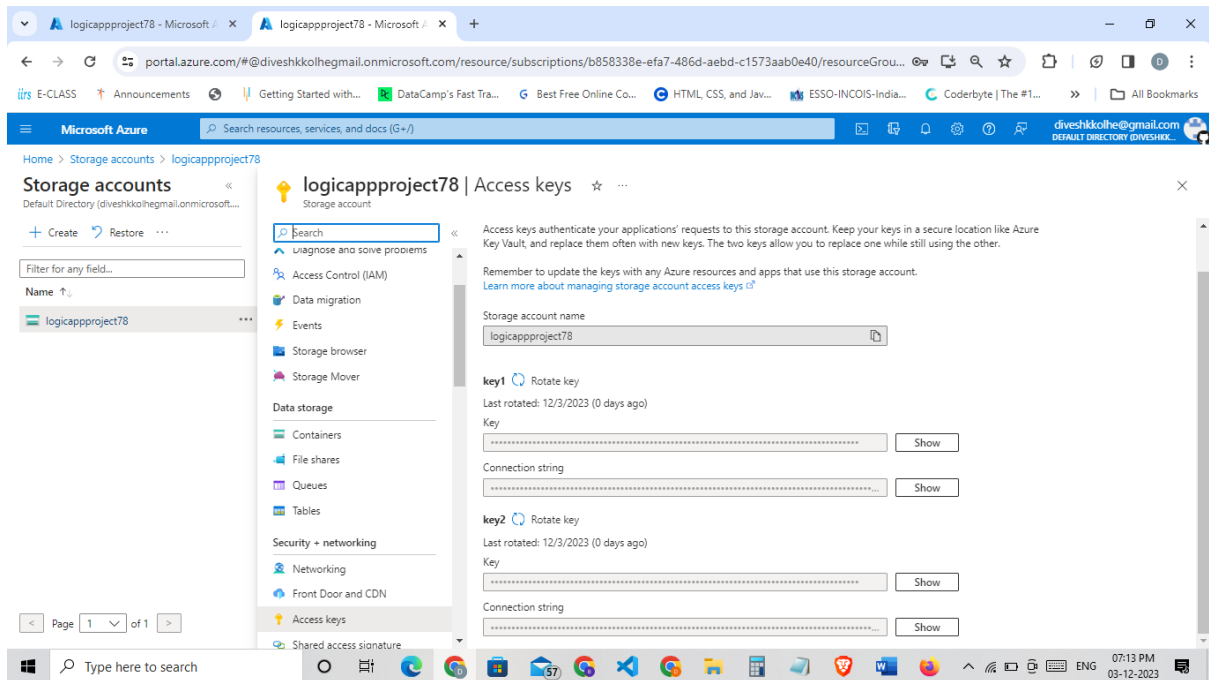


Create>> then Search for Blob storage trigger condition and look for the trigger: (when a blob is added or modified).



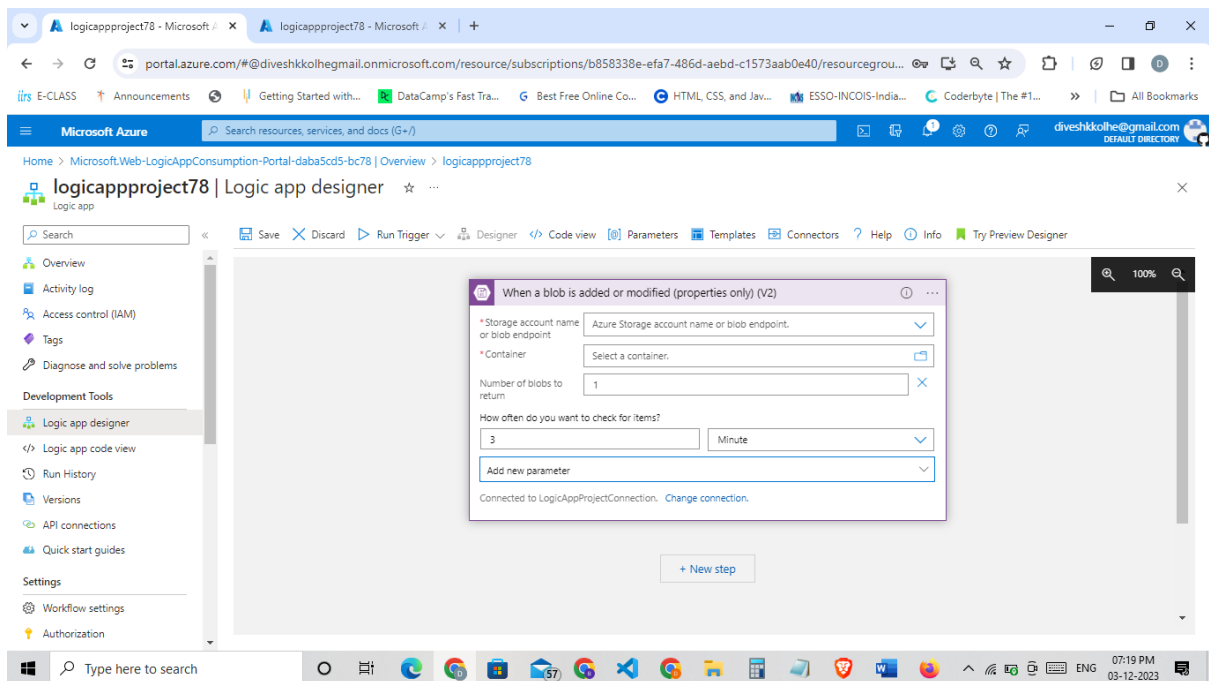
7. Creating the “Api”onnection between logic app and storage account (using access key).

Of storage account.

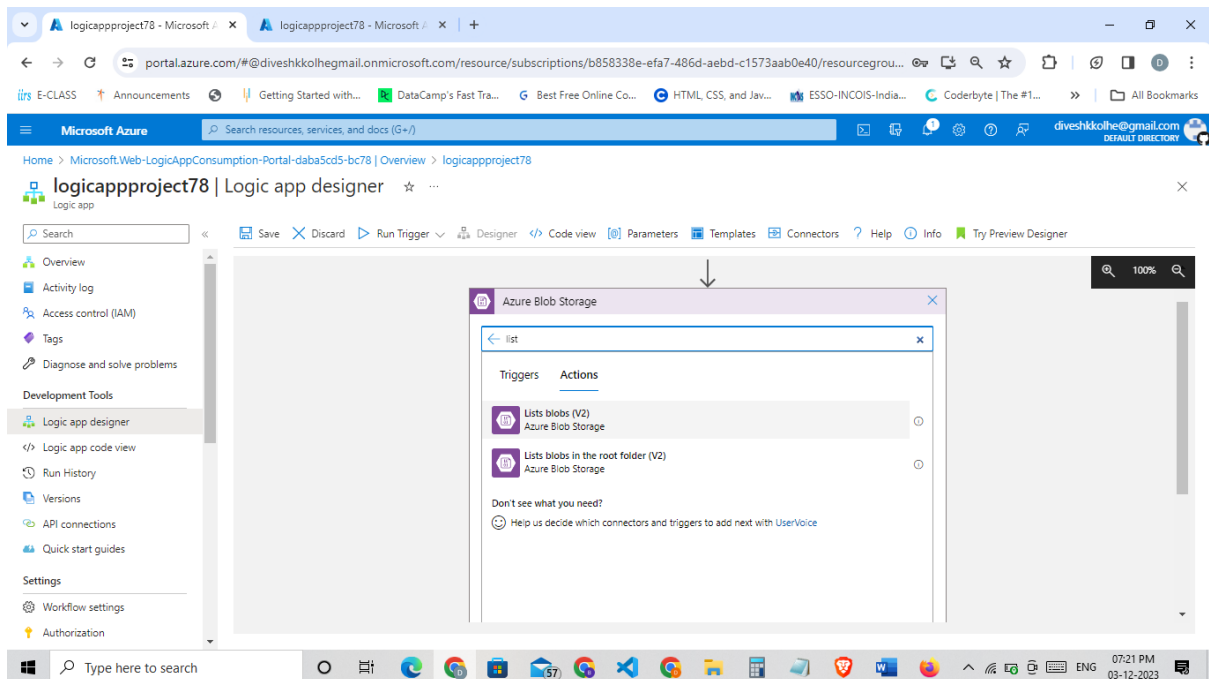


Create.

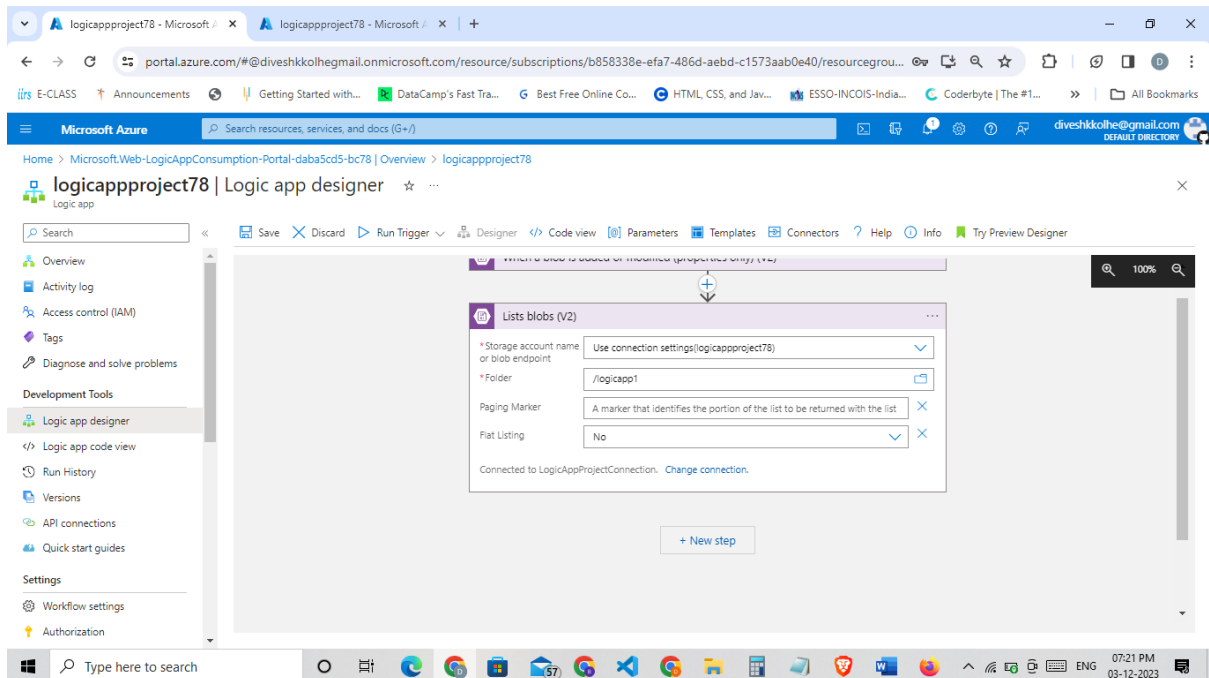
8. Set the no. of blobs to one.



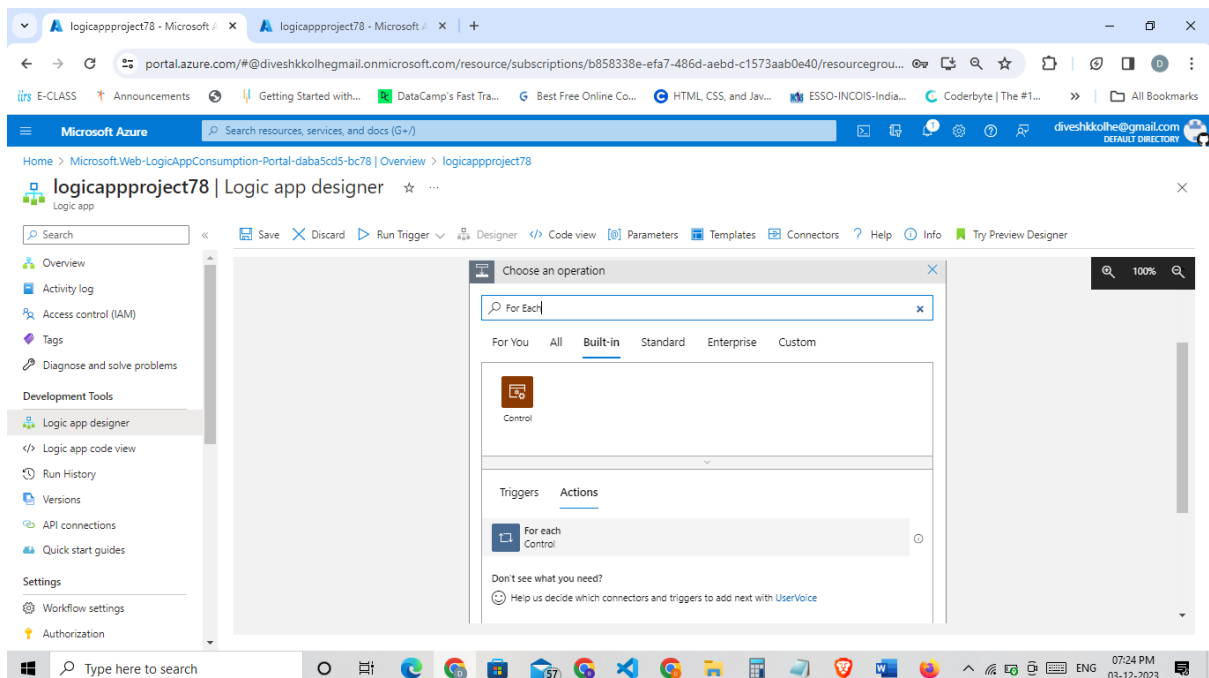
Add the next step to list the blobs.



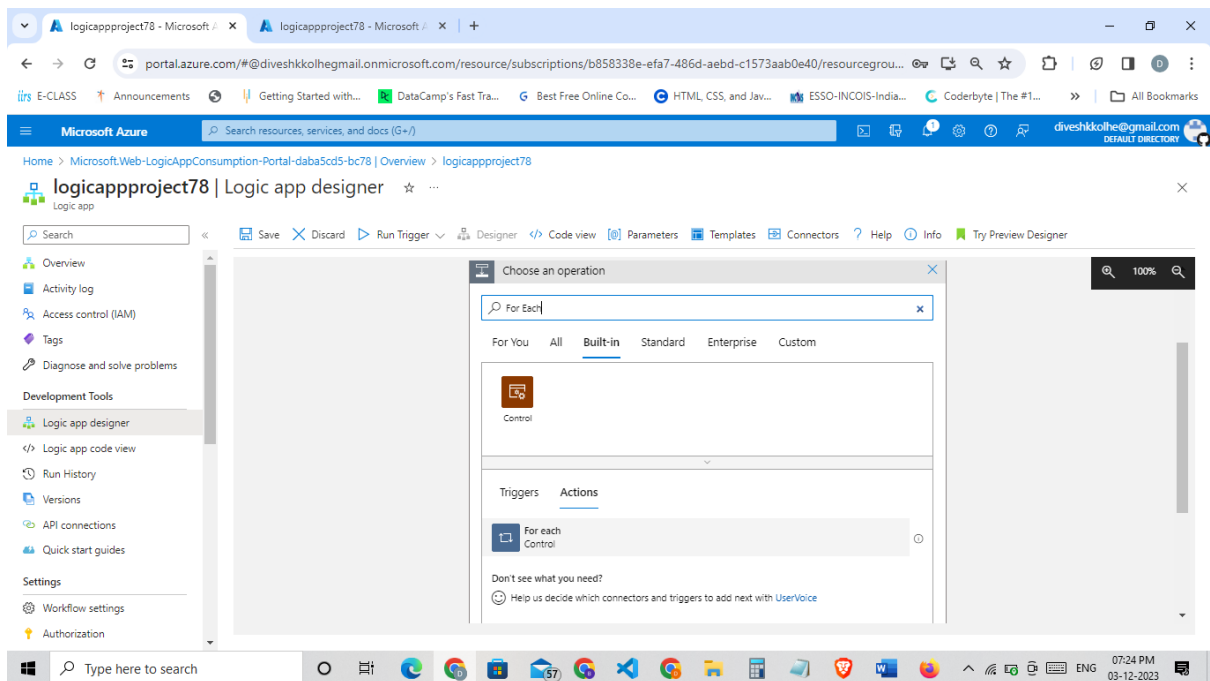
Use the connection setting and the respective container



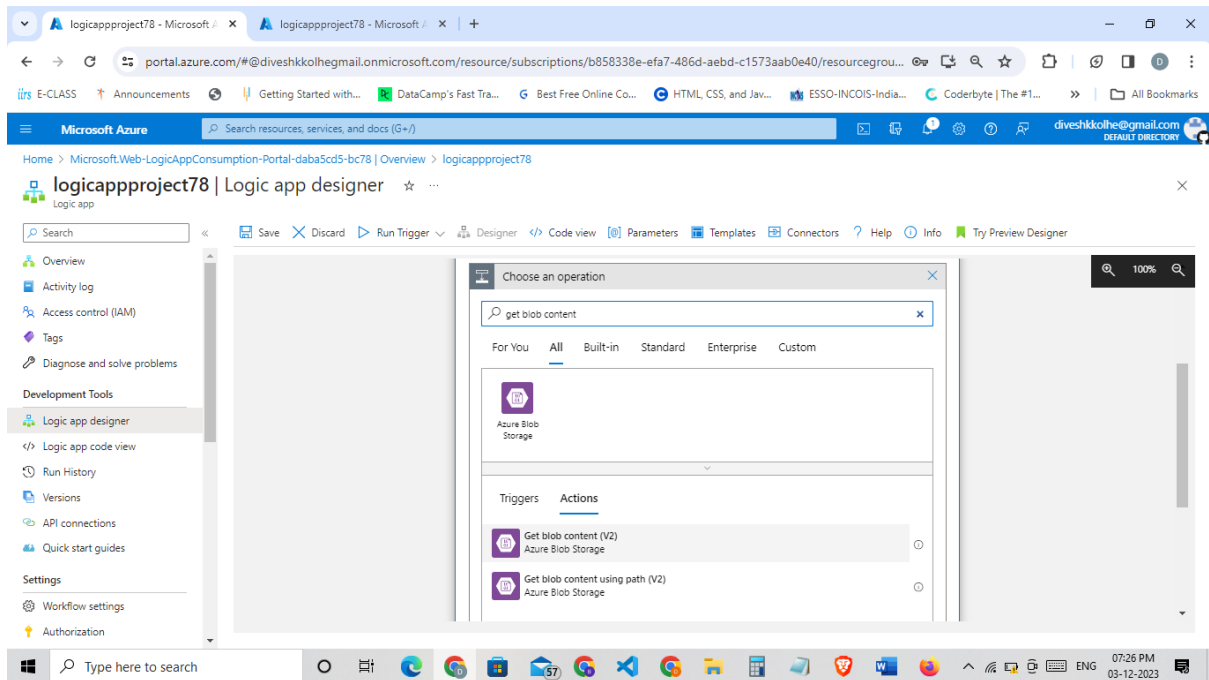
Now Add The Condiion (for each) in next step:



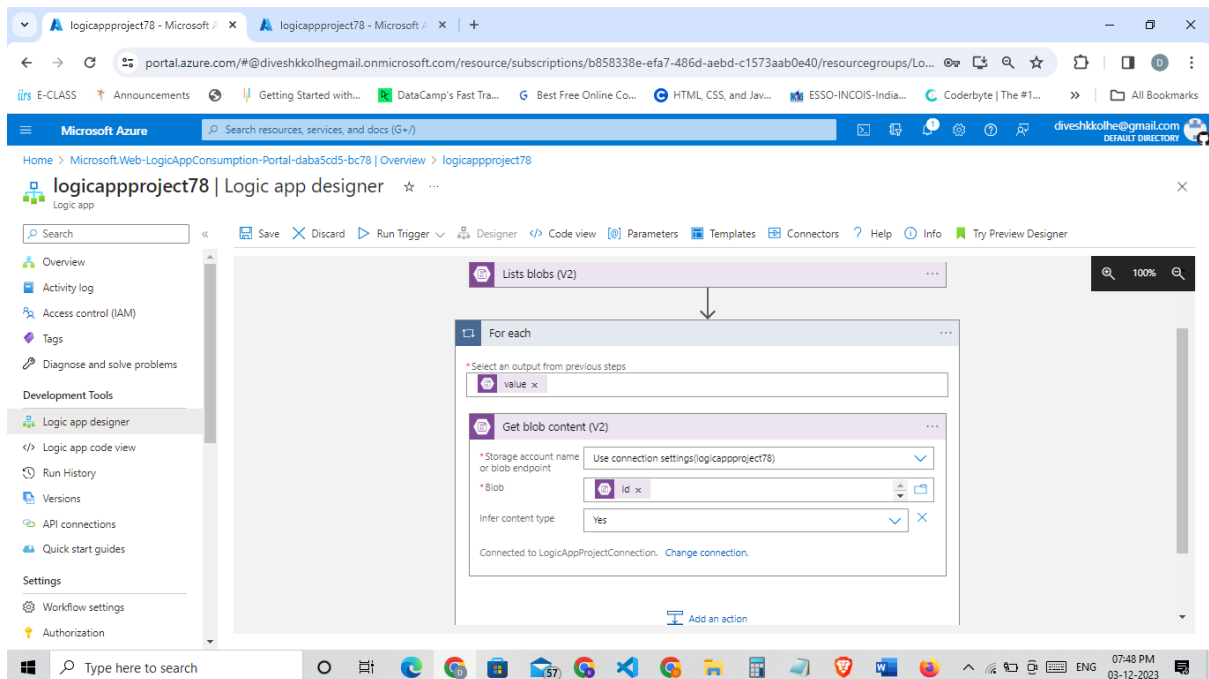
Select the output as Value:



Add an action (get blob content):



Then add one more action to get id of the blob.



Add another action to create file: (this is establishing the connection between file share and logic app)

This screenshot shows the Microsoft Azure Logic App Designer interface. The workflow is titled 'logicappproject78'. The left sidebar contains navigation options like Overview, Activity log, Access control (IAM), Tags, and Development Tools. The main workspace shows a workflow with two actions: 'value' and 'Get blob content (V2)'. A 'Create file' action is being added to the workflow, indicated by a plus sign and a downward arrow. The 'Create file' action configuration panel is open, showing the 'Connection name' as 'FileShareConnection'. Below this, a table lists the storage account details:

Name	Resource Group	Location
logicappproject78	LogicApp	centralindia

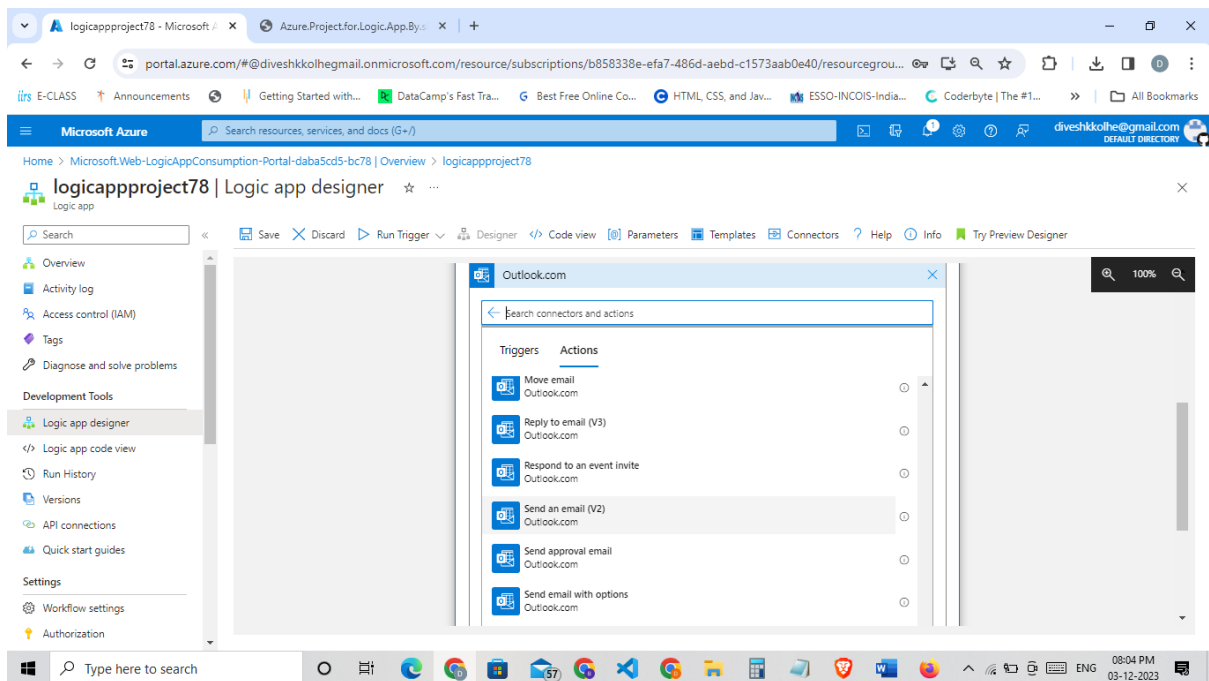
The 'Create' button is visible at the bottom of the configuration panel. The bottom status bar shows the time as 07:54 PM on 03-12-2023.

This screenshot shows the Microsoft Azure Logic App Designer interface with the 'Create file' action fully configured. The workflow is titled 'logicappproject78'. The 'Create file' action is connected to the 'Get blob content (V2)' action. The configuration panel for 'Create file' shows the following details:

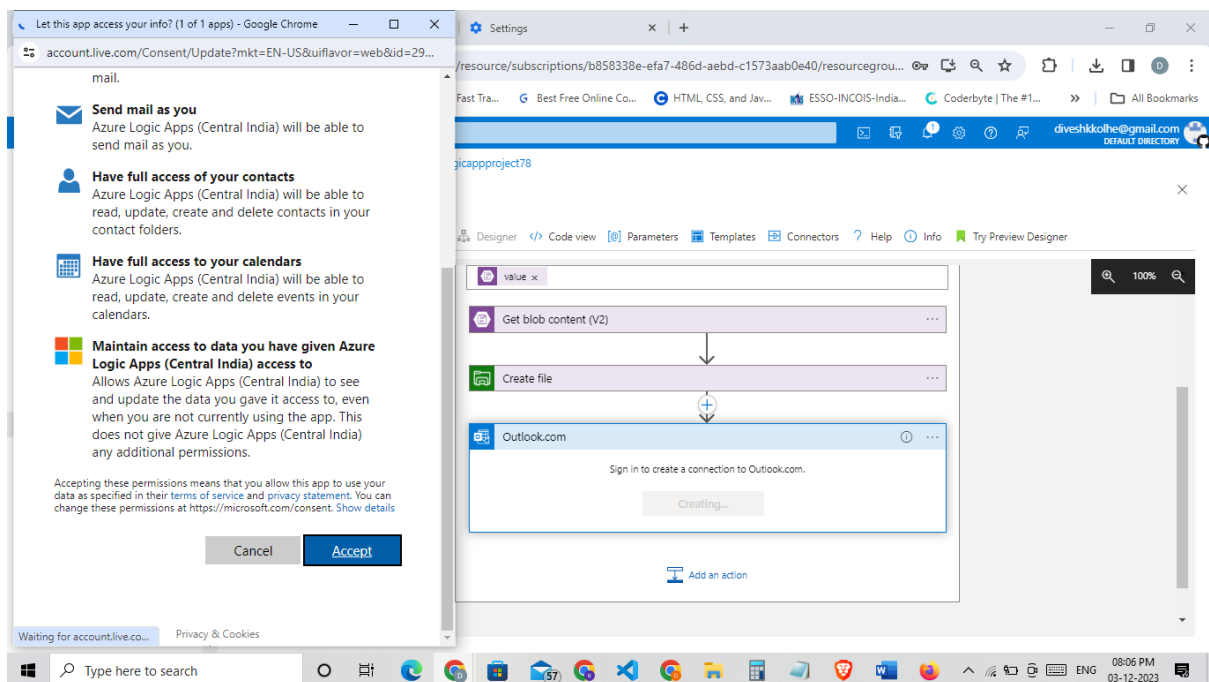
- Folder path: /logicappfileshare78
- File name: Name
- File content: File Content

The status bar at the bottom indicates the time as 08:02 PM on 03-12-2023.

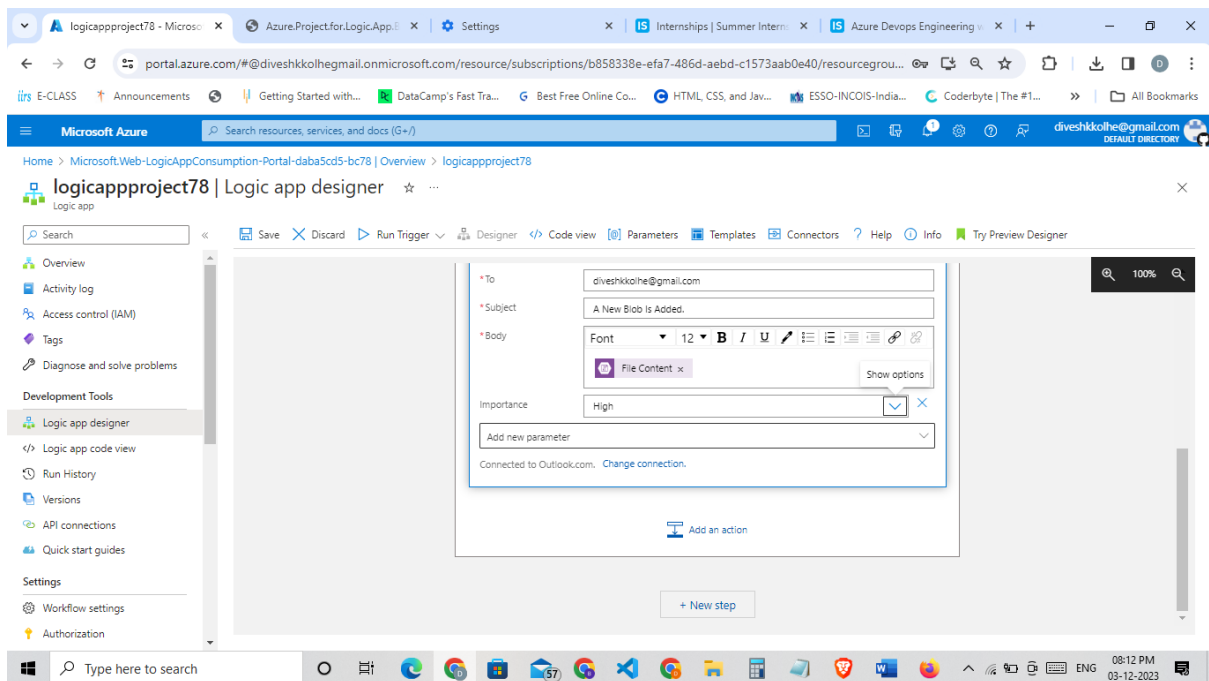
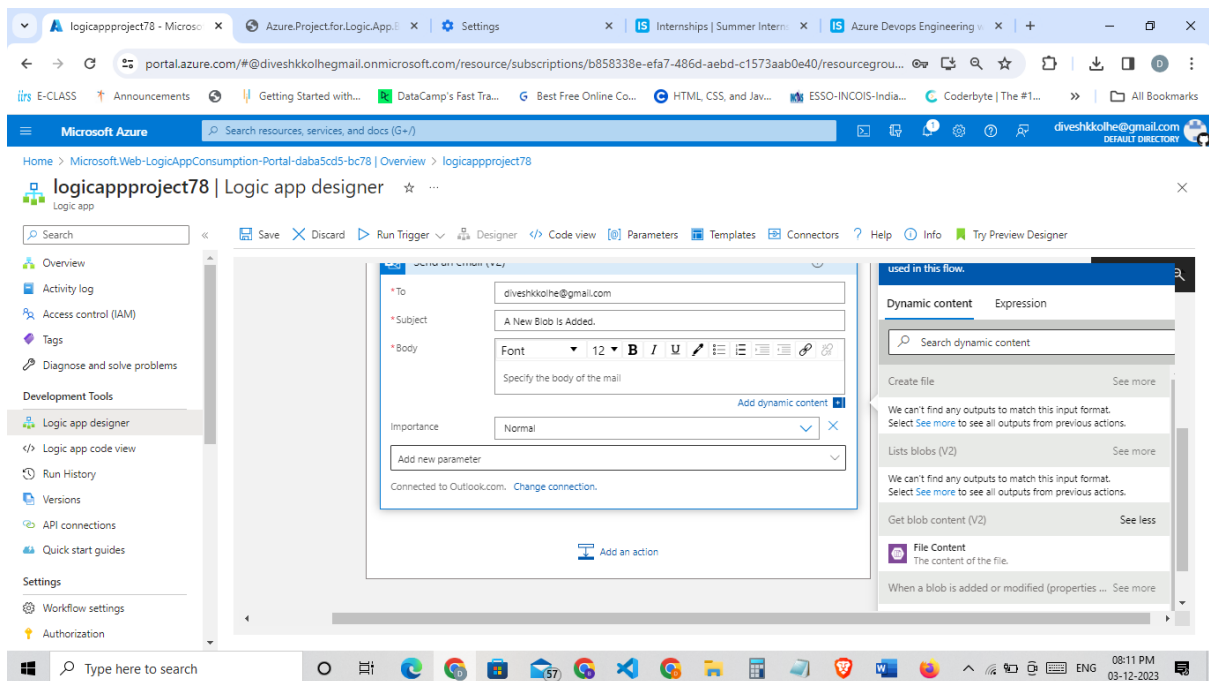
Add another action to send email using outlookV2



Sign in to establish the connection.



Then create a generalized dynamic mail



High priority

Save

The screenshot shows the Microsoft Azure Logic App Designer interface. The browser address bar displays the URL: `portal.azure.com/#@diveshkollhegmail.onmicrosoft.com/resource/subscriptions/b858338e-efa7-486d-aebd-c1573aab0e40/resourcegroup...`. The page title is "logicappproject78 | Logic app designer". A notification banner at the top right states: "Save logic app completed. Logic app: logicappproject78 was saved successfully". The left sidebar contains navigation options: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, and Development Tools. Under Development Tools, "Logic app designer" is selected. The main workspace shows a workflow with two steps: "When a blob is added or modified (properties only) (V2)" and "Lists blobs (V2)". The first step is configured with "Storage account name or blob endpoint" set to "Use connection settings(logicappproject78)", "Container" set to "/logicapp1", "Number of blobs to return" set to 1, and "How often do you want to check for items?" set to 3 minutes. The second step is "Lists blobs (V2)". The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 08:31 PM on 03-12-2023.

All the api connections.

The screenshot shows the Microsoft Azure Logic App Designer interface, specifically the "API connections" tab. The browser address bar displays the URL: `portal.azure.com/#@diveshkollhegmail.onmicrosoft.com/resource/subscriptions/b858338e-efa7-486d-aebd-c1573aab0e40/resourcegroup...`. The page title is "logicappproject78 | API connections". The left sidebar is the same as in the previous screenshot, with "API connections" selected under Development Tools. The main workspace shows a list of API connections associated with the logic app: "azureblob", "azurefile", and "outlook". A "Refresh" button is located at the top left of the workspace. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 08:34 PM on 03-12-2023.

Run the trigger:

The screenshot shows the Microsoft Azure portal with the Logic app designer for 'logicappproject78'. The left sidebar contains navigation options: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Development Tools, Logic app designer (selected), Logic app code view, Run History, Versions, API connections, Quick start guides, Settings, Workflow settings, and Authorization. The main workspace displays a workflow with three steps: 'When a blob is added or modified (properties only) (V2)', 'Lists blobs (V2)', and 'For each'. A '+ New step' button is visible at the bottom of the workflow. The top navigation bar includes 'Save', 'Discard', 'Run Trigger', 'Designer', 'Code view', 'Parameters', 'Templates', 'Connectors', and 'Help'. The bottom status bar shows the time as 08:46 PM on 03-12-2023.

Upload something to container

The screenshot shows the Microsoft Azure portal with the 'Upload blob' dialog open. The dialog displays '1 file(s) selected: Scale_set.docx' and a 'Browse for files' link. Below the file list, there is an 'Overwrite if files already exist' checkbox and an 'Advanced' section. The 'Upload' button is at the bottom. In the background, the 'logicapp1' container overview is visible, showing the 'Authentication method' as 'Access key (Switch to Microsoft Entra user account)' and the 'Location' as 'logicapp1'. The 'Search blobs by prefix (case-sensitive)' field is empty. The bottom status bar shows the time as 08:38 PM on 03-12-2023.

Microsoft Azure portal interface showing the 'logicapp1' container. The page displays a search bar, navigation menu, and a table of blobs. The table lists a file named 'Scale_set.docx' with a size of 304.97 KiB and a lease state of 'Available'.

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
Scale_set.docx	12/3/2023, 8:38:14 PM	Hot (Inferred)		Block blob	304.97 KiB	Available

Wait for sometime and check the file share and mail

Microsoft Azure portal interface showing the 'logicappfileshare78' file share. The page displays a search bar, navigation menu, and a table of files. The table lists a file named 'Scale_set.docx' with a size of 304.97 KiB.

Name	Type	Size
Scale_set.docx	File	304.97 KiB

Mail

