



**Cloud Development, 2021 fall.  
Lab 9**

**Report**

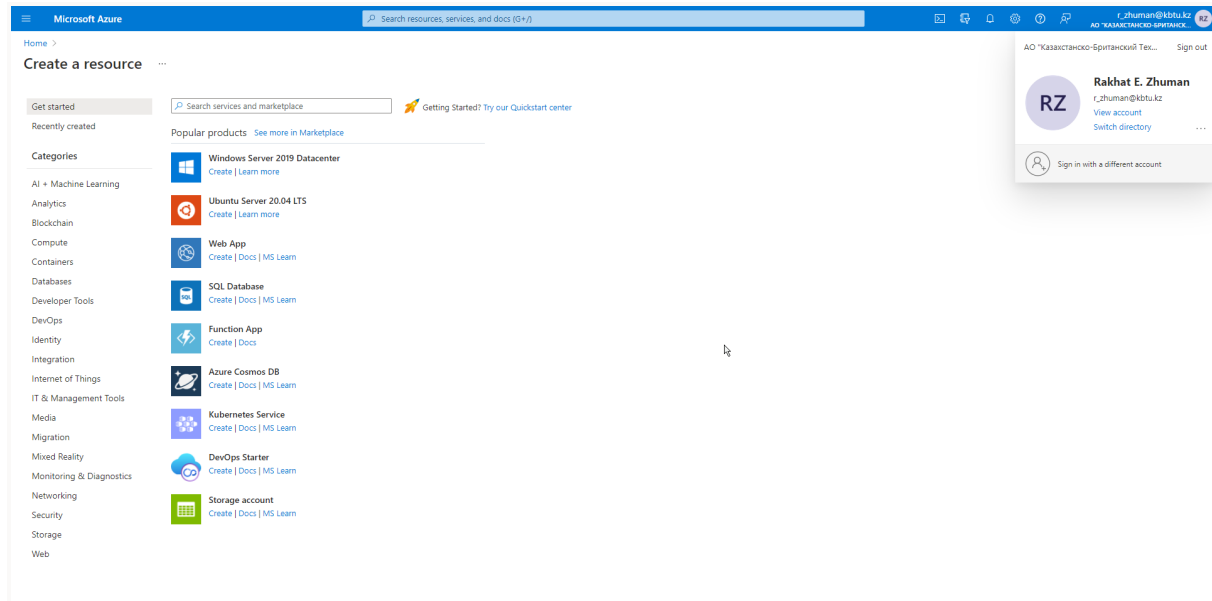
**Automate business processes with Logic Apps**

made by Zhuman Rakhat

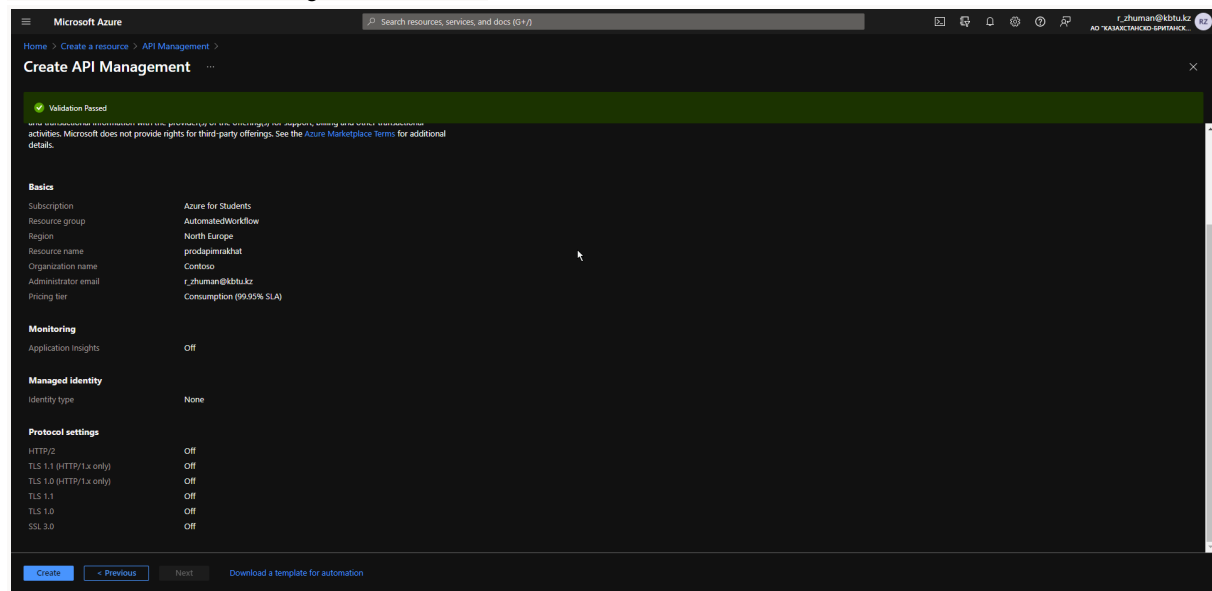
Almaty 2021

## Exercise 1: Creating an Azure App Service resource by using a Docker container image

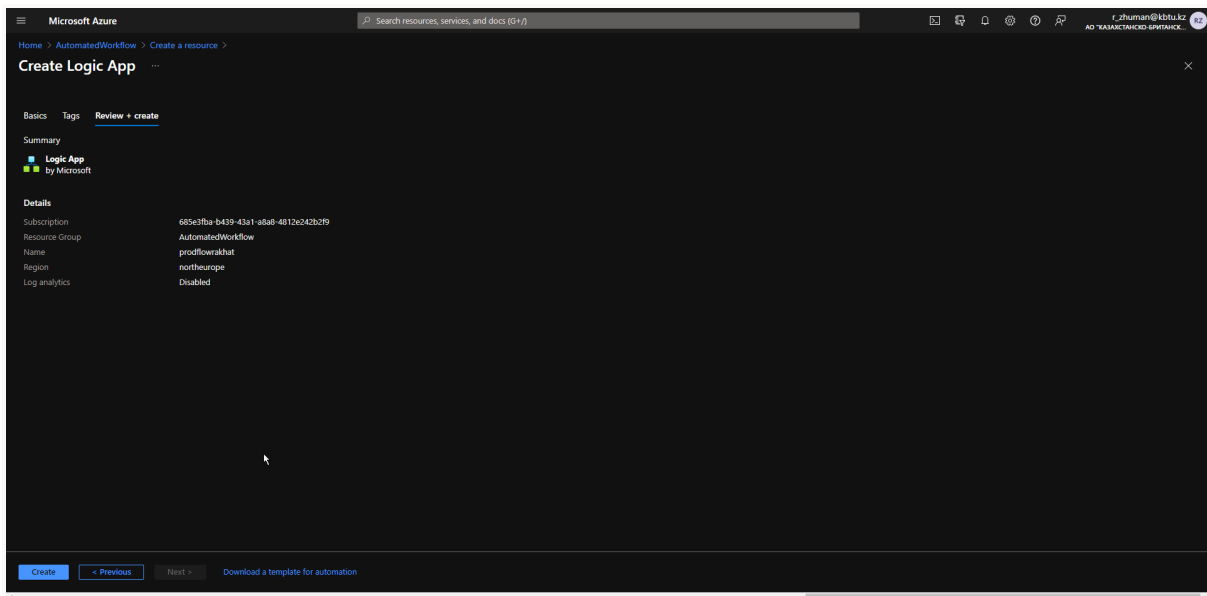
### Task 1: Open the Azure portal



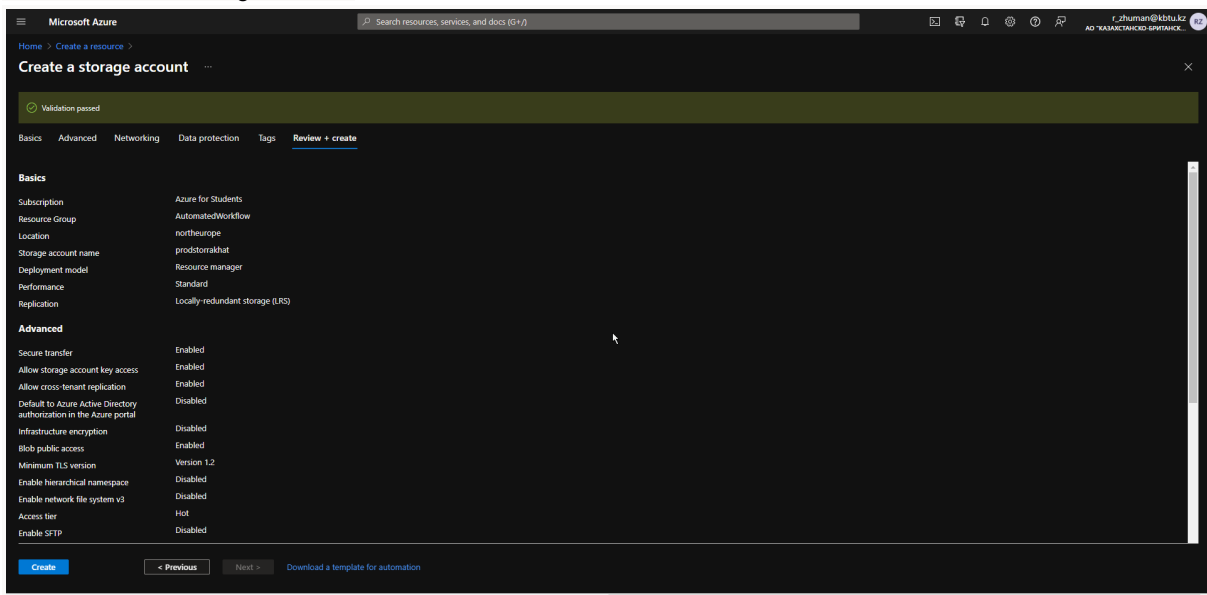
### Task 2: Create an API Management resource



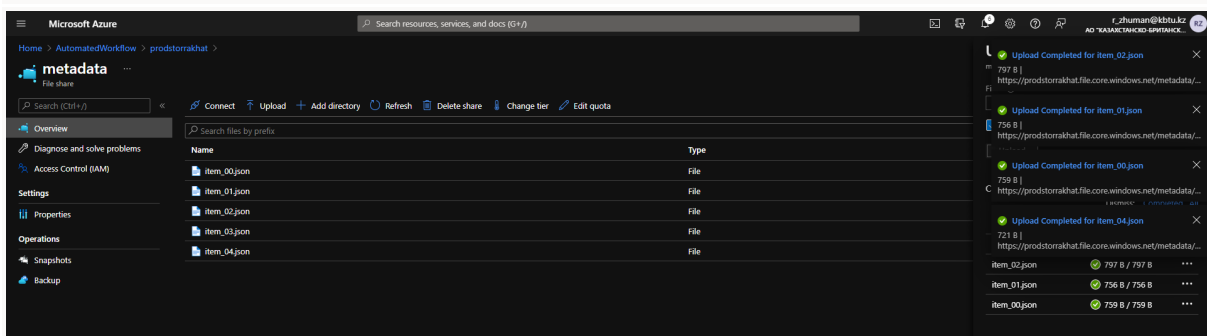
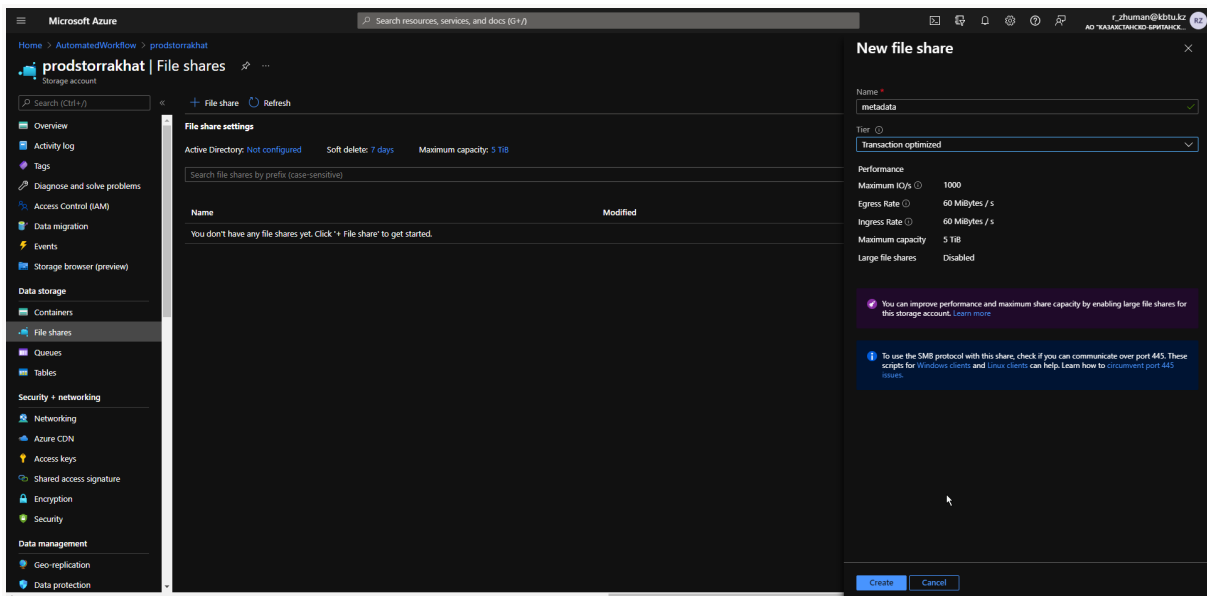
### Task 3: Create a Logic App resource



#### Task 4: Create a storage account

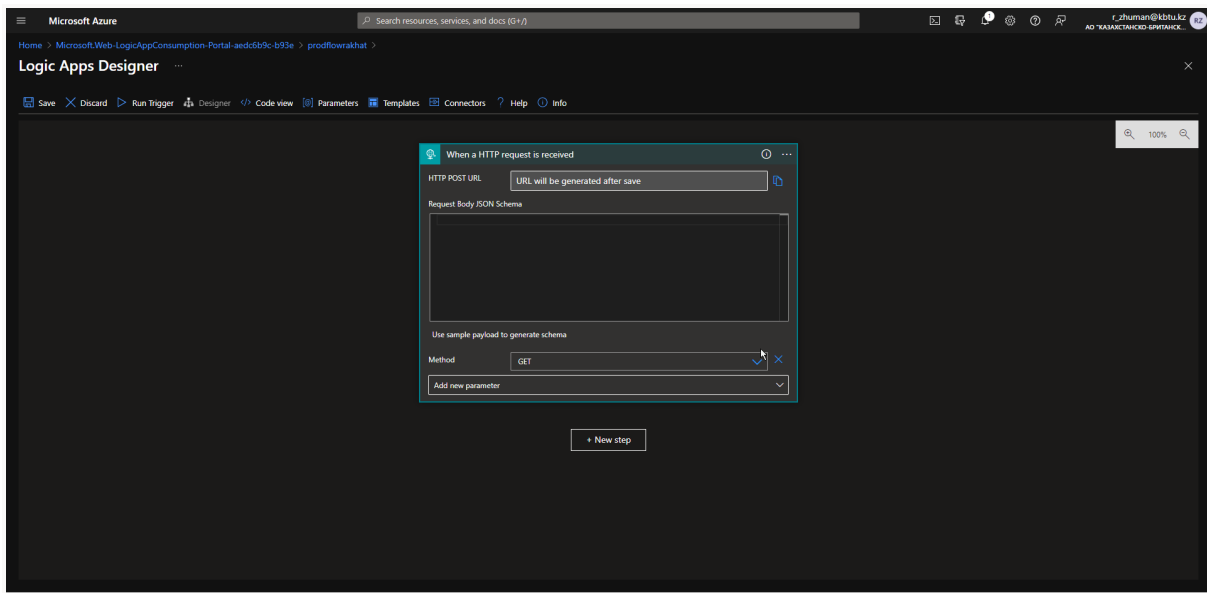


#### Task 5: Upload sample content to Azure Files

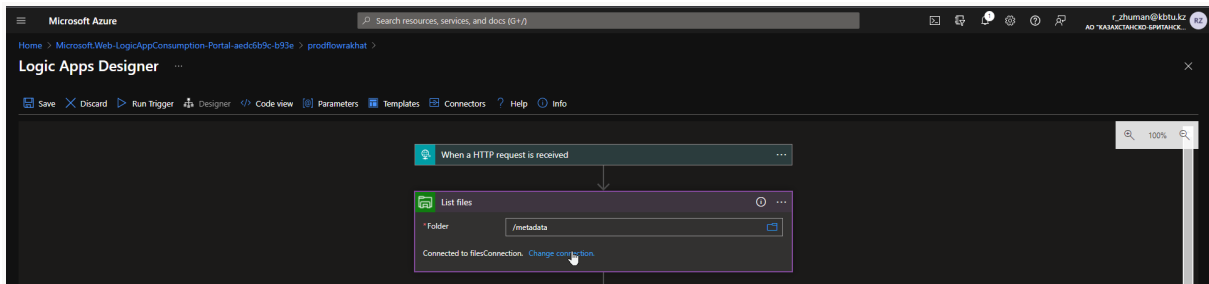


## Exercise 2: Implement a workflow using Logic Apps

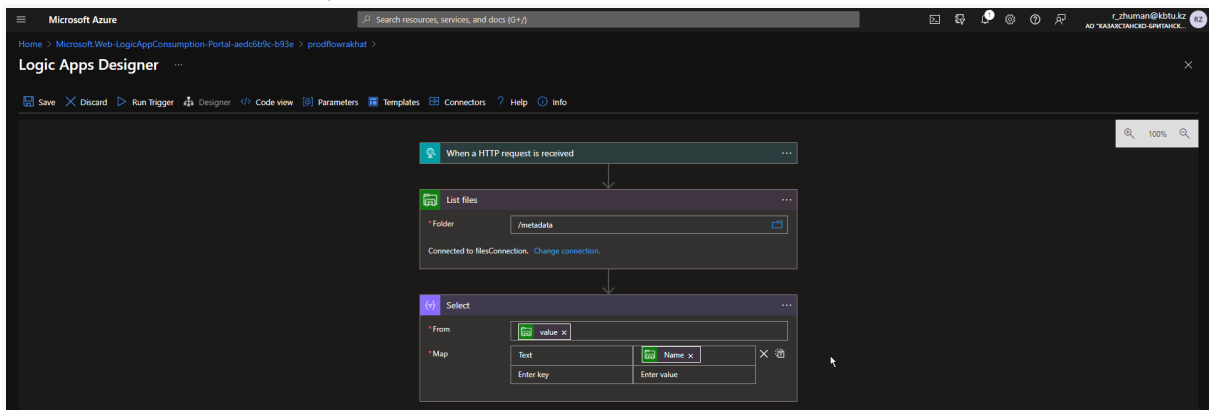
Task 1: Create a trigger for the workflow



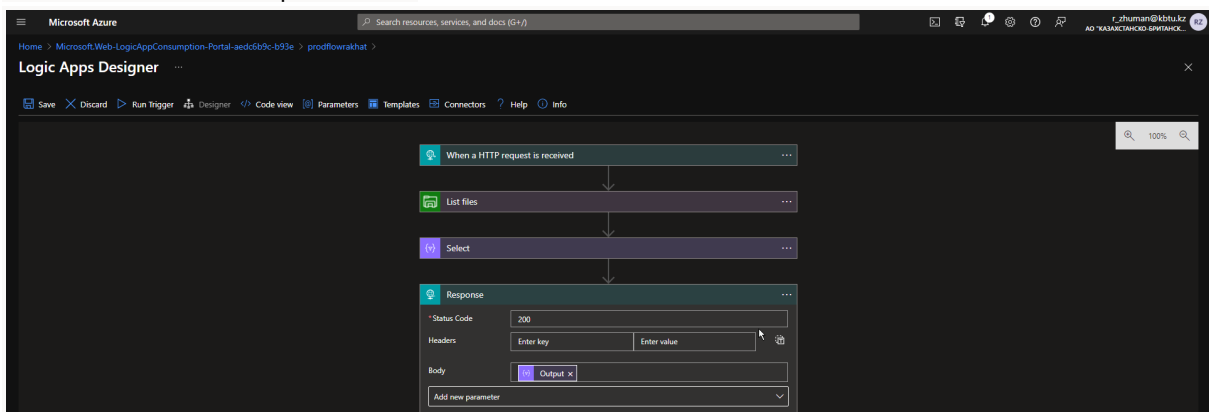
Task 2: Create an action to query Azure Storage file shares



Task 3: Create an action to project list item properties

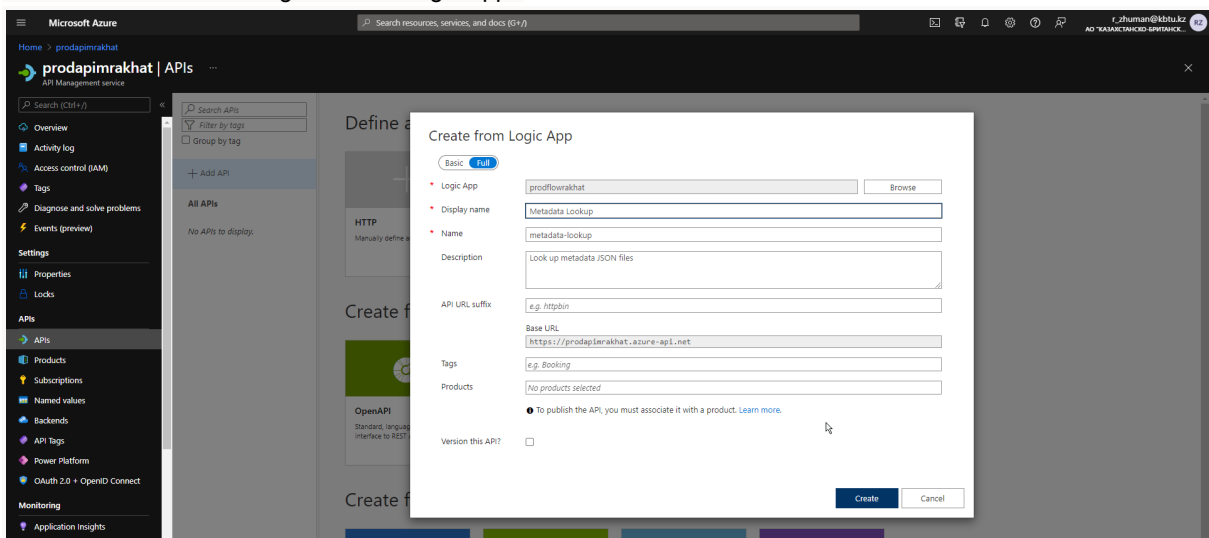


Task 4: Build an HTTP response action



## Exercise 3: Use Azure API Management as a proxy for Logic Apps

Task 1: Create an API integrated with Logic Apps



Task 2: Test the API operation

Microsoft Azure

Search resources, services, and docs (Ctrl+J)

Home > prodapimrakhat | APIs

API Management service

Search APIs

Filter by tags

Group by tag

+ Add API

All APIs

Metadata Lookup

Revisions

Design Settings Test Revisions Change log

Search operations

Filter by tags

Group by tag

GET manual-invoke

Metadata Lookup > manual-invoke > Console

```

expres: -1
exp-api-id: metadata-lookup
exp-api-operationid: manual-invoke
exp-api-subscriptionid: master
exp-api-trace-location: https://api.mts9bwt116ndrf2j.blob.core.windows.net/apimstacykzwcicjshwkn-inspector/QWby1-1lhpb3k50fwt2-1?sv=2018-03-28&sr=c&sig=OK2Bw
SPiQvewOKRcnc5KzTpu3oa0vghig1U6ZiAK3084e+2022-11-20T05K345N3A3728sp=acul8ttraceId=d29344c9725442948f6d2f3254f532ce6
pragma: no-cache
strict-transport-security: max-age=31536000; includeSubDomains
transfer-encoding: chunked
vary: Accept-Encoding, Origin
x-ms-client-tracking-id: 00585642155225468898984864787CU54
x-ms-correlation-id: e72af5f6-7693-4d6e-84a9-20b9fcb0497
x-ms-execution-location: northeurope
x-ms-ratelimit-burst-remaining-workflow-reads: 3999
x-ms-ratelimit-remaining-workflow-download-contentsize: 2147483647
x-ms-ratelimit-time-remaining-directio1requests: 19999005
x-ms-request-id: northeurope-e72af5f6-7693-4d6e-84a9-20b9fcb0497
x-ms-tracking-id: e72af5f6-7693-4d6e-84a9-20b9fcb0497
x-ms-trigger-history-name: 00585642155225468898984864787CU54
x-ms-workflow-id: 303278492b04609cfe01ab569c80e
x-ms-workflow-name: prodflowakhat
x-ms-workflow-run-id: 00585642155225468898984864787CU54
x-ms-workflow-system-id: /locations/northeurope/scaleunits/prod-21/workflows/303278492b04609cfe01ab569c80e
x-ms-workflow-version: 0058564215536215339
[
  {
    "Text": "item_00.json"
  },
  {
    "Text": "item_01.json"
  },
  {
    "Text": "item_02.json"
  },
  {
    "Text": "item_03.json"
  },
  {
    "Text": "item_04.json"
  }
]

```

Send

Bypass CORS proxy

## Exercise 4: Clean up your subscription

### Task 2: Delete resource groups

```

bash
Requesting a Cloud Shell.Succeeded.
Connecting terminal...

Welcome to Azure Cloud Shell

Type "az" to use Azure CLI
Type "help" to learn about Cloud Shell

rakhat@Azure:~$ az group delete --name AutomatedWorkflow --no-wait --yes
rakhat@Azure:~$

```