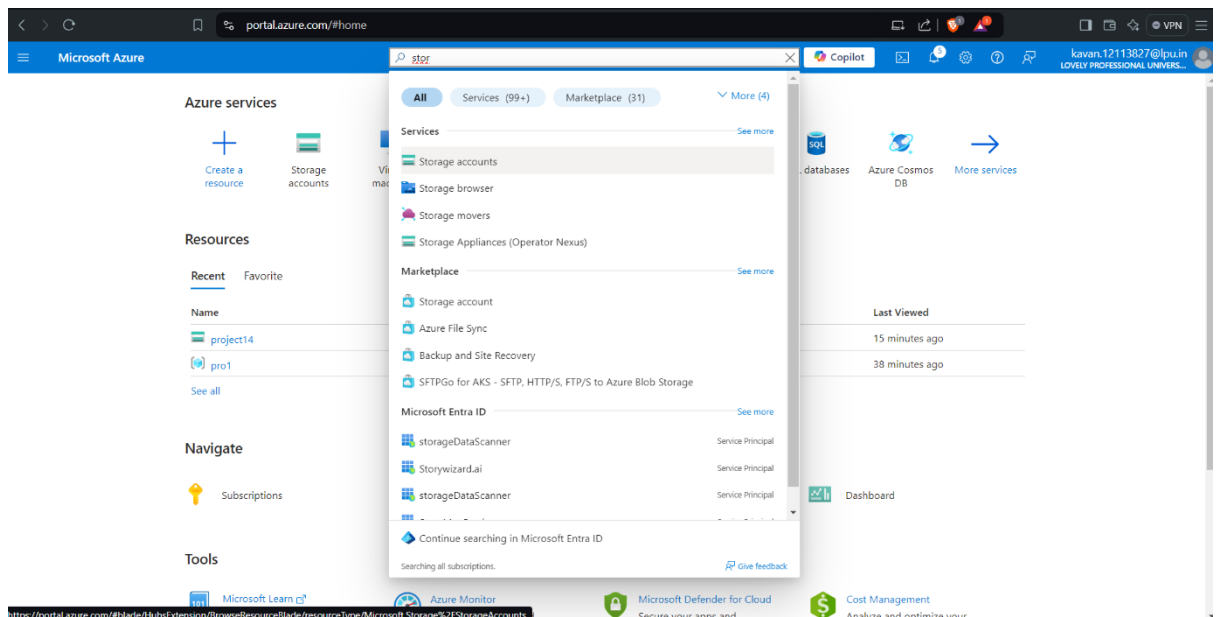




CLOUD COMPUTING

Create the static website using Azure Storage Service

- 1) Open the azure cloud service and search for the storage accounts and open it.



- 2) Select the Subscription, create the resource group, give the name of storage account name, select the region, and after that click upon the review + create.

Microsoft Azure

Search resources, services, and docs (G+/)

Home > Storage accounts >

Create a storage account

Basics | Advanced | Networking | Data protection | Encryption | Tags | Review + create

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 *

Resource group *
[Create new](#)

Instance details

Storage account name *

Region *
[Deploy to an Azure Extended Zone](#)

Primary service

[Previous](#) [Next](#) [Review + create](#)

[Give feedback](#)

- 3) After clicking the review + create ,can see that deployment is in progress and wait for few seconds.

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

Home >

project14_1724917758075 | Overview

Deployment

Search

Delete

Cancel

Redeploy

Download

Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name: project14_1724917758075
Subscription: [Azure for Students](#)
Resource group: [pro1](#)
Start time: 8/29/2024, 1:19:28 PM
Correlation ID: 8d8a8477-2005-453d-a924-d47476d33f96

Deployment details

Resource	Type	Status
No results.		

Give feedback

Tell us about your experience with deployment

Microsoft Defender for Cloud

Secure your apps and infrastructure

[Go to Microsoft Defender for Cloud >](#)

- 4) After waiting for few seconds, can see the Your deployment is complete and click upon go to resource.

The screenshot displays the Microsoft Azure portal interface. At the top, the header includes the Microsoft Azure logo, a search bar, and the Copilot icon. The main content area shows the 'Overview' page for a deployment named 'project14_1724917758075'. A notification banner at the top right states 'Deployment succeeded' with a green checkmark icon. Below this, a large green checkmark icon is followed by the text 'Your deployment is complete'. The deployment details listed are: Deployment name: project14_1724917758075, Subscription: Azure for Students, Resource group: pro1, Start time: 8/29/2024, 1:19:28 PM, and Correlation ID: 8d8a8477-2005-453d-a924-d47476d33f96. A 'Go to resource' button is visible. On the left sidebar, there are links for 'Overview', 'Inputs', 'Outputs', and 'Template'. At the bottom, there is a 'Cost Management' section with a green circular icon containing a dollar sign, and text encouraging users to stay within their budget and set up cost alerts.

Microsoft Azure

Search resources, services, and docs (G+/)

Copilot

Home >

project14_1724917758075 | Overview

Deployment

Search

Delete

Cancel

Deployment succeeded

Deployment 'project14_1724917758075' to resource group 'pro1' was successful.

Go to resource

Pin to dashboard

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: project14_1724917758075

Subscription: Azure for Students

Resource group: pro1

Start time: 8/29/2024, 1:19:28 PM

Correlation ID: 8d8a8477-2005-453d-a924-d47476d33f96

Deployment details

Next steps

Go to resource

Give feedback

Tell us about your experience with deployment

Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill.

Set up cost alerts >

5) After going to the resource, can see the details of storage account

The screenshot displays the Microsoft Azure portal interface. At the top, the header includes the Microsoft Azure logo, a search bar, and the Copilot icon. The breadcrumb navigation shows 'Home > project14_1724917758075 | Overview >'. The main content area is titled 'project14 Storage account'. On the left, a sidebar menu lists various services, with 'Events' currently selected. The main panel shows the 'Essentials' tab, which contains a list of properties for the storage account. These properties include the resource group, location, primary/secondary regions, subscription, subscription ID, disk state, performance, replication, account kind, provisioning state, and creation date. Below the properties, there are tabs for 'Properties', 'Monitoring', and 'Capabilities (7)'. The 'Properties' tab is active, showing 'Recommendations (0)', 'Tutorials', and 'Tools + SDKs'. At the bottom, there are sections for 'Blob service' and 'Security', with 'Hierarchical namespace' and 'Require secure transfer for REST API' options visible.

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

Home > project14_1724917758075 | Overview >

project14 Storage account

Search

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

Data storage

Containers

File shares

Queues

Tables

Security + networking

Data management

Settings

Monitoring

Monitoring (classic)

Automation

Upload Open in Explorer Delete Move

Essentials JSON View

Resource group (... : [pro1](#))

Location : centralindia

Primary/Seconda... : Primary: Central India, Secondary: South India

Subscription (... : [Azure for Students](#))

Subscription ID : dc444d67-616f-4d2a-8576-463978aa945a

Disk state : Primary: Available, Secondary: Available

Performance : Standard

Replication : Read-access geo-redundant storage (RA-GRS)

Account kind : StorageV2 (general purpose v2)

Provisioning state : Succeeded

Created : 8/29/2024, 1:19:30 PM

Tags ([edit](#)) : [Add tags](#)

Properties Monitoring Capabilities (7)

Recommendations (0) Tutorials Tools + SDKs

Blob service Security

Hierarchical namespace Require secure transfer for REST API

- 6) Now let's enable the static website to access it, click upon the data management in that can see the static website, and click upon it and enable it

The screenshot shows the Microsoft Azure portal interface. At the top, there's a navigation bar with the Microsoft Azure logo, a search bar, and a Copilot button. Below the navigation bar, the breadcrumb trail reads: Home > project14_1724917758075 | Overview > project14. The main heading is 'project14 | Static website' with a star icon and a close button (X). Below the heading, there's a search bar and a set of buttons: Save, Discard, and Give feedback. The left sidebar contains a list of categories: Data storage, Security + networking, Data management, and Settings. Under 'Data storage', there are sub-items: Containers, File shares, Queues, and Tables. Under 'Data management', there are sub-items: Storage tasks (preview), Redundancy, Data protection, Object replication, Blob inventory, and Static website (which is highlighted). Under 'Settings', there are sub-items: Lifecycle management, Azure AI Search, and Monitoring. The main content area on the right shows a description of static websites: 'Enabling static websites on the blob service allows you to host static content. Webpages may include static content and client-side scripts. Server-side scripting is not supported. As data is replicated asynchronously from primary to secondary regions, files at the secondary endpoint may not be immediately available or in sync with files at the primary endpoint. [Learn more](#)'. Below this, there's a 'Static website' section with two buttons: 'Disabled' and 'Enabled' (which is highlighted). There's also an information box with a blue 'i' icon: 'Improve the page load time of your static website by using the caching features of Azure Front Door (Additional costs apply). [Azure Front Door](#)'. At the bottom, there are two input fields: 'Index document name' and 'Error document path', both with a help icon (i).

Microsoft Azure

Search resources, services, and docs (G+/)

Copilot

Home > project14_1724917758075 | Overview > project14

project14 | Static website ☆ ...

Storage account

Search

Save Discard Give feedback

Data storage

- Containers
- File shares
- Queues
- Tables

Security + networking

Data management

- Storage tasks (preview)
- Redundancy
- Data protection
- Object replication
- Blob inventory
- Static website**
- Lifecycle management
- Azure AI Search

Settings

Monitoring

Monitoring (classic)

Enabling static websites on the blob service allows you to host static content. Webpages may include static content and client-side scripts. Server-side scripting is not supported. As data is replicated asynchronously from primary to secondary regions, files at the secondary endpoint may not be immediately available or in sync with files at the primary endpoint. [Learn more](#)

Static website

Disabled Enabled

Improve the page load time of your static website by using the caching features of Azure Front Door (Additional costs apply). [Azure Front Door](#)

Index document name ⓘ

Error document path ⓘ

- 7) After enabling it, can see two rows that are index document name and error document name, give the name of the file with .html extension and fill the error document path.

The screenshot shows the Microsoft Azure portal interface. At the top, there's a navigation bar with the Microsoft Azure logo, a search bar, and a Copilot button. Below the navigation bar, the breadcrumb trail reads: Home > project14_1724917758075 | Overview > project14. The main heading is 'project14 | Static website', with 'Storage account' as a subtitle. On the left, a sidebar menu lists various services: File shares, Queues, Tables, Security + networking, Data management (expanded), Storage tasks (preview), Redundancy, Data protection, Object replication, Blob inventory, Static website (selected), Lifecycle management, and Azure AI Search. Below these are Settings, Monitoring, Monitoring (classic), Automation, and Help. The main content area has a top bar with 'Search', 'Save', 'Discard', and 'Give feedback' buttons. The 'Static website' section shows a toggle switch set to 'Enabled'. Below this is an information box about improving page load time with Azure Front Door. The configuration section has two input fields: 'Index document name' with the value 'index.html' and 'Error document path' with the value '404.html'. Both fields have a green checkmark icon on the right, indicating they are valid.

Microsoft Azure

Search resources, services, and docs (G+/)

Copilot

Home > project14_1724917758075 | Overview > project14

project14 | Static website

Storage account

Search

Save Discard Give feedback

File shares

Queues

Tables

> Security + networking

✓ Data management

Storage tasks (preview)

Redundancy

Data protection

Object replication

Blob inventory

Static website

Lifecycle management

Azure AI Search

> Settings

> Monitoring

> Monitoring (classic)

> Automation

> Help

Enabling static websites on the blob service allows you to host static content. Webpages may include static content and client-side scripts. Server-side scripting is not supported. As data is replicated asynchronously from primary to secondary regions, files at the secondary endpoint may not be immediately available or in sync with files at the primary endpoint. [Learn more](#)

Static website

Disabled Enabled

Improve the page load time of your static website by using the caching features of Azure Front Door (Additional costs apply). [Azure Front Door](#)

Index document name ⓘ

index.html ✓

Error document path ⓘ

404.html ✓

- 8) After filling the rows, click upon the save and can see the url endpoint, copy that endpoint.

The screenshot displays the Microsoft Azure portal interface. At the top, the header includes the 'Microsoft Azure' logo, a search bar, and a 'Copilot' button. The breadcrumb navigation shows 'Home > project14_1724917758075 | Overview > project14'. The main heading is 'project14 | Static website', with a 'Storage account' sub-label. A left-hand navigation pane lists various services, with 'Static website' currently selected. The main content area shows the 'Static website' configuration. It includes a 'Save' button, a 'Discard' button, and a 'Give feedback' link. A warning message states: 'Webpages may include static content and client-side scripts. Server-side scripting is not supported. As data is replicated asynchronously from primary to secondary regions, files at the secondary endpoint may not be immediately available or in sync with files at the primary endpoint. [Learn more](#)'. Below this, the 'Static website' toggle is set to 'Enabled'. A message indicates: 'An Azure Storage container has been created to host your static website. [\\$web](#)'. A blue information box suggests: 'Improve the page load time of your static website by using the caching features of Azure Front Door (Additional costs apply). [Azure Front Door](#)'. The configuration fields are as follows: 'Primary endpoint' is 'https://project14.z29.web.core.windows.net/' with a copy icon; 'Secondary endpoint' is 'https://project14-secondary.z29.web.core.windows.net/' with a copy icon; 'Index document name' is 'index.html' with a green checkmark; and 'Error document path' is '404.html' with a green checkmark.

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

Home > project14_1724917758075 | Overview > project14

project14 | Static website ☆ ...

Storage account

Search

File shares

Queues

Tables

> Security + networking

✓ Data management

Storage tasks (preview)

Redundancy

Data protection

Object replication

Blob inventory

Static website

Lifecycle management

Azure AI Search

> Settings

> Monitoring

> Monitoring (classic)

> Automation

> Help

Save Discard Give feedback

Webpages may include static content and client-side scripts. Server-side scripting is not supported. As data is replicated asynchronously from primary to secondary regions, files at the secondary endpoint may not be immediately available or in sync with files at the primary endpoint. [Learn more](#)

Static website

Disabled **Enabled**

An Azure Storage container has been created to host your static website. [\\$web](#)

ⓘ Improve the page load time of your static website by using the caching features of Azure Front Door (Additional costs apply). [Azure Front Door](#)

Primary endpoint ⓘ

https://project14.z29.web.core.windows.net/

Secondary endpoint ⓘ

https://project14-secondary.z29.web.core.windows.net/

Index document name ⓘ

index.html ✓

Error document path ⓘ

404.html ✓

9) After copy the url endpoint, now lets create the container to store the code(index.html) of the website, click upon the data storage can see the container option and click upon it

The screenshot displays the Microsoft Azure portal interface. At the top, the header shows the Microsoft Azure logo, a search bar, and user information. The breadcrumb trail indicates the path: Home > project14_1724917758075 | Overview >. The main content area is titled 'project14 Storage account'. On the left, a navigation pane lists various services, with 'Queues' highlighted. The main pane shows the 'Essentials' section with a table of account details:

Property	Value
Resource group (move)	: pro1
Location	: centralindia
Primary/Secondary Loca...	: Primary: Central India, Secondary: South India
Subscription (move)	: Azure for Students
Subscription ID	: dc444d67-616f-4d2a-8576-463978aa945a
Disk state	: Primary: Available, Secondary: Available
Tags (edit)	: Add tags

Below the Essentials section, there are tabs for Properties, Monitoring, Capabilities (7), Recommendations (0), Tutorials, and Tools + SDKs. The 'Properties' tab is active, showing the 'Blob service' and 'Security' sections. The 'Blob service' section lists various settings:

Property	Value
Hierarchical namespace	: Disabled
Default access tier	: Hot
Blob anonymous access	: Disabled
Blob soft delete	: Enabled (7 days)
Container soft delete	: Enabled (7 days)
Versioning	: Disabled
Change feed	: Disabled

The 'Security' section shows the following settings:

Property	Value
Require secure transfer for REST API operations	: Enabled
Storage account key access	: Enabled
Minimum TLS version	: Version 1.2
Infrastructure encryption	: Disabled

At the bottom, the 'Networking' section is partially visible, showing 'Allow access from' and 'All networks'.

- 10) After clicking upon the container option, inside can see the two options \$logs and \$web click the \$web to upload the file index.html, and select the option upload and select the file index.html and click the option upload.

Microsoft Azure

Search resources, services, and docs (G+/I)

Copilot

kavan.12113827@lpw.in
LOVELY PROFESSIONAL UNIVERS...

Home > project14_1724917758075 | Overview > project14

project14 | Containers

Storage account

Search

+ Container Change access level Restore containers Refresh Delete Give feedback

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

Data storage

Containers

File shares

Queues

Tables

Security + networking

Data management

Settings

Monitoring

Monitoring (classic)

Automation

...

Search containers by prefix

Show deleted containers

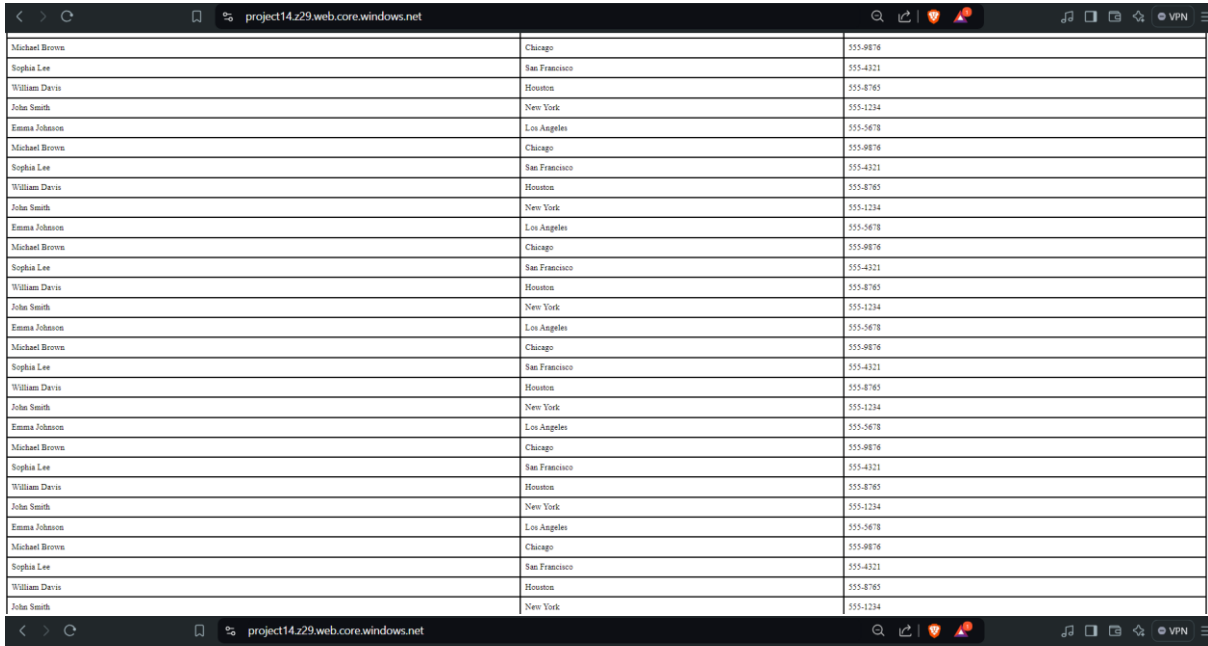
Name	Last modified	Anonymous access level	Lease state
\$logs	8/29/2024, 1:20:00 PM	Private	Available
\$web	8/29/2024, 1:23:23 PM	Private	Available

- 11) After uploading the file, can see toggle the successfully uploaded blob.

The screenshot displays the Microsoft Azure portal interface. At the top, the navigation bar includes the Microsoft Azure logo, a search bar, and the Copilot icon. The breadcrumb trail shows the path: Home > project14_1724917758075 | Overview > project14 | Containers > \$web. A notification banner at the top right states "Successfully uploaded blob(s)" with a green checkmark icon and a close button (X). Below the notification, the \$web container overview is shown. It includes a search bar, a left-hand navigation menu with options like Overview, Diagnose and solve problems, Access Control (IAM), and Settings, and a main content area. The main content area displays the authentication method as "Access key" and the location as "\$web". It also features a search bar for blobs by prefix and a toggle for "Show deleted blobs". At the bottom, a table lists the uploaded blobs.

Name	Modified	Access tier
<input type="checkbox"/> index.html	8/29/2024, 1:36:09 PM	Hot (Inferred)

- 12) Now open the new tab in the browser and the paste the copied url endpoint (<https://project14.z29.web.core.windows.net/>) the tab and now can see the created the website in the browser.



The screenshot shows a web browser window with the address bar displaying "project14.z29.web.core.windows.net". The browser interface includes standard navigation buttons (back, forward, refresh), a search bar, and various extension icons. The main content area displays a table with three columns: "Name of the Employee", "City", and "Phone Number". The table contains 30 rows of data, listing employees such as Michael Brown, Sophia Lee, William Davis, John Smith, Emma Johnson, and Liam Johnson, along with their respective cities and phone numbers.

Name of the Employee	City	Phone Number
Michael Brown	Chicago	555-9876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-9876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-9876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-9876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-9876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-9876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234

Employee Data

Name of the Employee	City	Phone Number
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-9876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
Liam Johnson	New York	555-1234
Sophia Garcia	Los Angeles	555-5678
Noah Smith	Chicago	555-9876
Olivia Brown	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-9876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-9876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-9876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234

project14.z29.web.core.windows.net		
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-8876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-8876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-8876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-8876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-8876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765
John Smith	New York	555-1234
Emma Johnson	Los Angeles	555-5678
Michael Brown	Chicago	555-8876
Sophia Lee	San Francisco	555-4321
William Davis	Houston	555-8765