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1.Create a Bucket in IBM object storage.

The screenshot shows the IBM Cloud Object Storage creation interface. The top navigation bar includes the IBM Cloud logo, a search bar, and user account information. The main content area is divided into three sections: Plan, Features, and Pricing. The Plan section lists three options: Lite (Free), Standard, and One Rate. The Lite plan is selected, showing details about its 25 GB storage capacity and 2,000 Class A requests. The Features section is currently empty. The Pricing section shows the Lite plan is free. On the right, a Summary panel displays the selected plan and a 'Create' button. Below the plan selection, the 'Configure your resource' section allows for setting a service name (Cloud Object Storage-ud) and a resource group (Default). A 'Tags' section is also present with an example tag 'env:dev, version-1'.

The screenshot shows the IBM Cloud Object Storage overview page. The left sidebar contains a navigation menu with options like Storage instances, Cloud Object Storage-ud, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area is titled 'Cloud Object Storage' and includes a welcome message, a 'Learn More' button, and a 'Take a guided tutorial' button. Below this, there are tabs for 'Overview', 'Create bucket', and 'Access Management'. The 'Overview' tab is active, showing a diagram of a storage bucket and a lock icon. A 'View terms' link is located at the bottom right of the page.

CREATING BUCKET:

The screenshot shows the IBM Cloud console interface. On the left is a dark sidebar with navigation links: Cloud Object Storage, Storage instances, Cloud Object Storage-ud, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area has a top navigation bar with 'Overview', 'Create bucket' (highlighted), and 'Access Management'. Below this, the heading 'Create a bucket' is followed by an introductory paragraph. A blue 'Create Bucket' button is visible. Further down, there are three sections: 'Naming your bucket' with a tip about unique names, 'Avoid Personal Information' with a warning about PII, and 'Special Characters' with a list of disallowed characters. A blue chat icon is in the bottom right corner.

CUSTOMIZING OUR BUCKET:

This screenshot shows the same 'Create bucket' page but with the 'Buckets' option selected in the sidebar. The main content area provides more detailed information. It starts with a paragraph explaining that a bucket is a storage resource for unstructured data. Below this, there's a 'Customize your bucket' section with a description and a right-pointing arrow. Underneath, the 'Predefined buckets' section features three cards: 'Quickly get started' (for Smart Tier buckets), 'Archive your data' (for buckets with archive rules), and 'Host a static website' (for static web hosting). Each card includes a brief description and a 'Show more' link with a dropdown arrow. A blue chat icon is in the bottom right corner.

IBM Cloud

Search resources and products...

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Custom bucket

Unique bucket name

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Bucket naming rules:

- Must be unique across the **whole** IBM Cloud Object Storage system
- Do not use any personal information (any part of a name, address, financial or security accounts or SSN)
- Must start and end in alphanumeric characters (3 to 63)
- Characters allowed: lowercase, numbers and nonconsecutive dots and hyphens

X

Resiliency [View options](#)

Cross Region
Highest availability

Regional
Best performance

Single Site
Data sovereignty

Location [View options](#) [↗](#)

jp-tok

Storage class [View pricing](#) [↗](#)

Smart Tier [View pricing](#)

Standard

Chat

IBM Cloud

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Static website hosting

Configure static website hosting to allow an object storage bucket to be used to serve a static web site.

[Add +](#)

Quota enforcement

This feature is available for our Standard plan customers only. [See pricing](#)

Service integrations (optional)

Encryption

☐ Key management disabled

Encrypt the data in your bucket. Select a key management service to use.

Monitoring & Activity tracking

☐ Activity tracking disabled

Increase operational visibility into the performance and health of your applications, services, and platforms.

☐ Monitoring disabled

Monitor the activity of your IBM Cloud account. Troubleshoot errors, identify issues, and get alerts with real-time event logs.

Cancel

Create bucket

Creating your bucket

Creating the COS Bucket

Assigning Object versioning to the new COS Bucket

Chat

IBM Cloud

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Cloud Object Storage

Storage instances

Cloud Object Storage-ud

Buckets

Integrations

Endpoints

Usage details

Service credentials

Connections

Plan

Storage / Cloud Object Storage-ud /

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Transfers Details Actions...

Objects

Configuration

Permissions

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)

Prefix filter

View versions ☐ Off

Refresh

Download

Upload

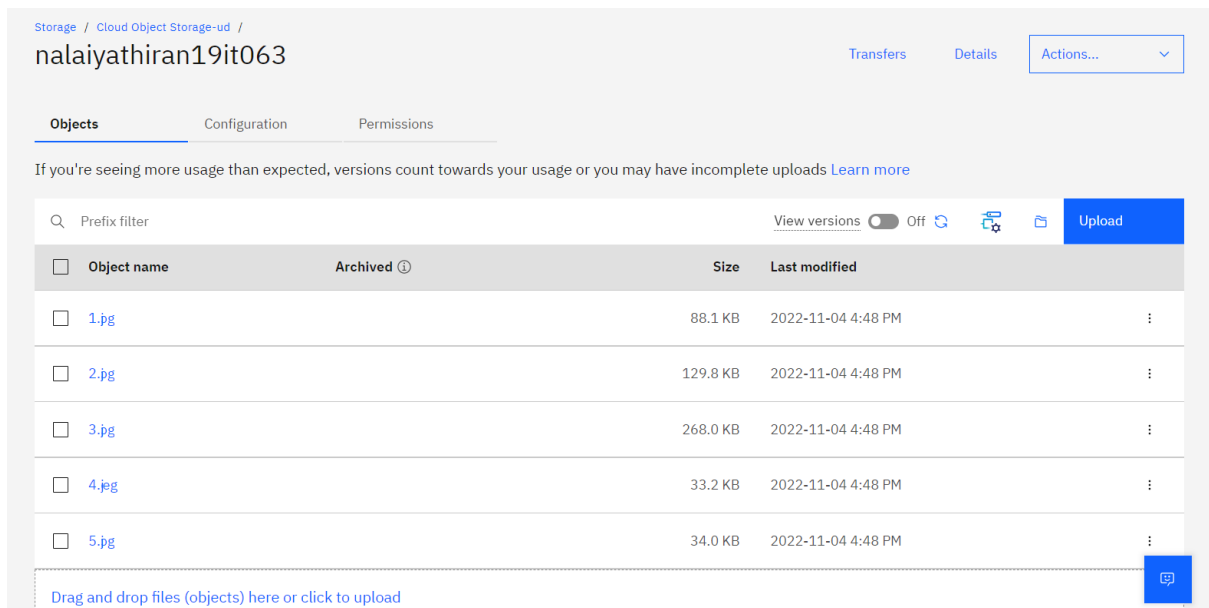
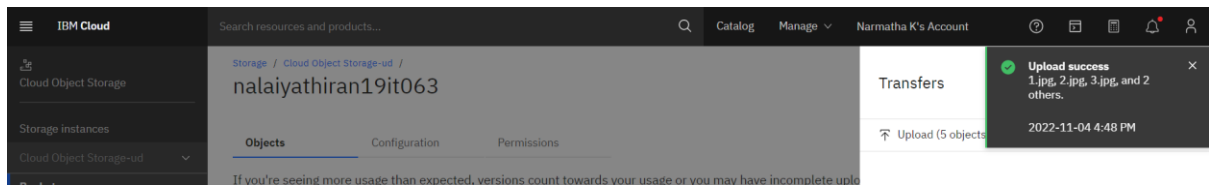
<input type="checkbox"/>	Object name	Archived ⓘ	Size	Last modified
	Objects			

Drag and drop files (objects) to upload. An object is your data in fixed form.

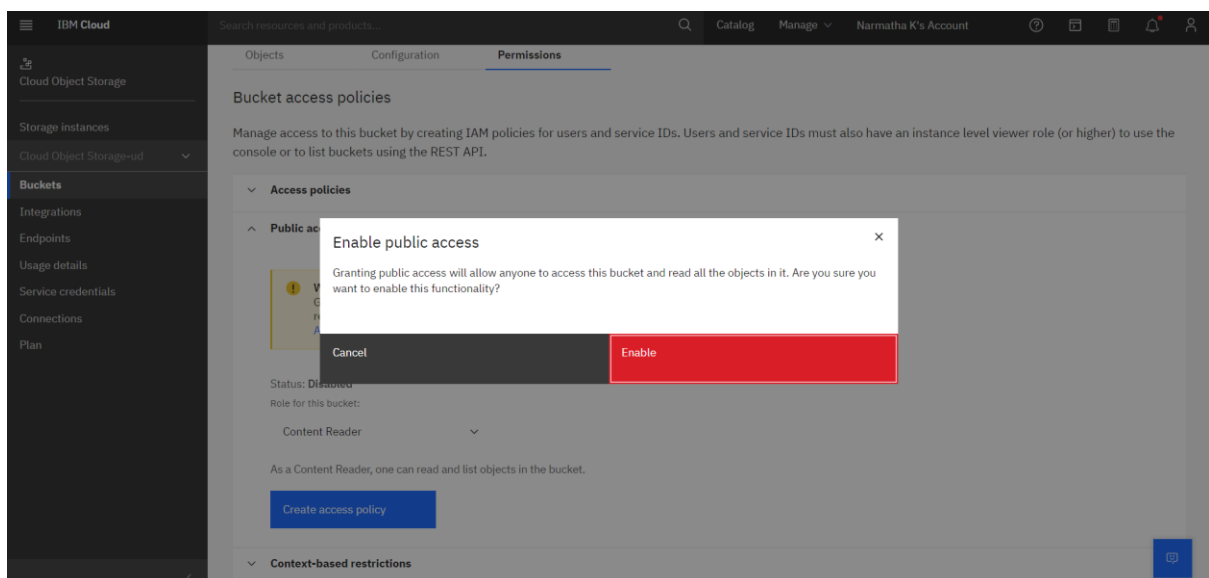
[Drag and drop files \(objects\) here or click to upload](#)

Chat

2.Upload an 5 images to ibm object storage and make it public. write html code to displaying all the 5 images.



ENABLE PUBLIC ACCESS:



Access policy update



Access group policy created

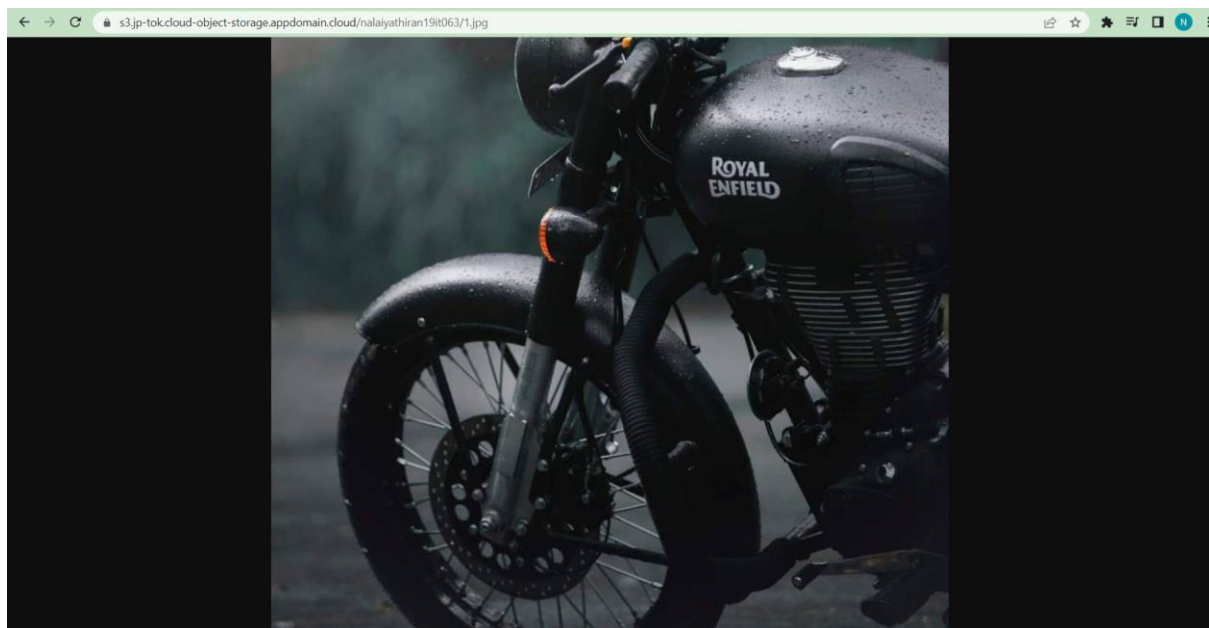
A new access policy for this bucket was created for the group:

Public Access

To delete/edit go to the [IAM console](#).

URL:

<https://s3.jp-tok.cloud-object-storage.appdomain.cloud/nalaiyathiran19it063/1.jpg>



Html:

```
<html>
```

```
<body>
```

```
<div>
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</div>
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<div>
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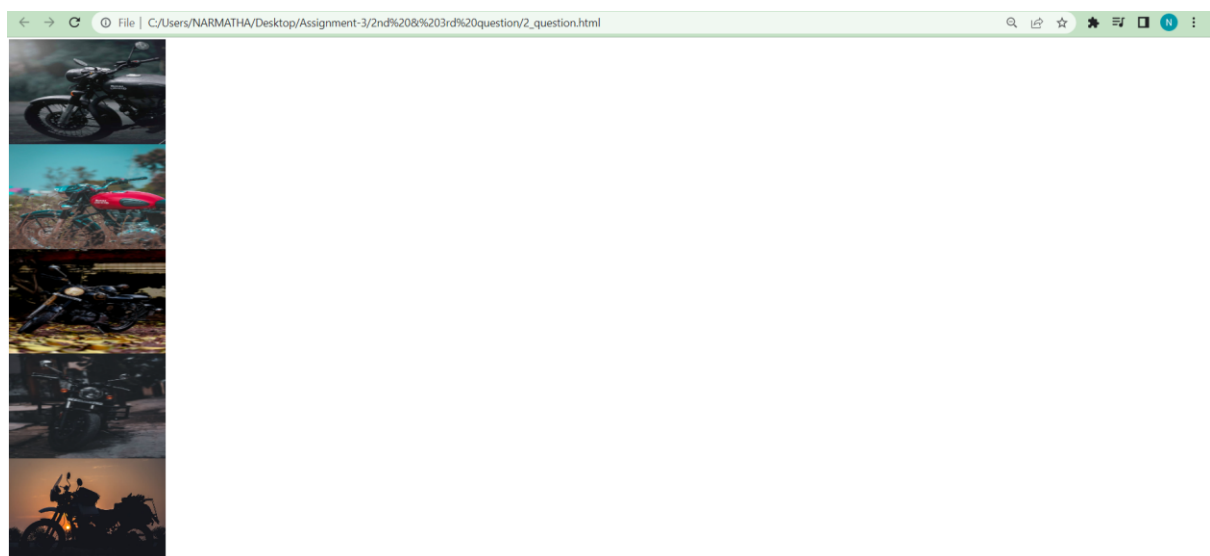
```

```

```
</div>
```

```
</body>
```

```
</html>
```



3.Upload a css page to the object storage and use the same page in your HTML code.

style.css:

```
# -*- coding: utf-8 -*-
```

```
.....
```

```
@author: NARMATHA
```

```
.....
```

```
img {
```

```
    border: 1px solid #ddd;
```

```
    border-radius: 50%;
```

```
    padding: 5px;
```

```
    width: 150px;
```

```
}
```

← → ↻ File | C:/Users/NARMATHA/Desktop/Assignment-3/3rd%20Question/2_question.html 🔍 📄 ☆ 🌙 📱

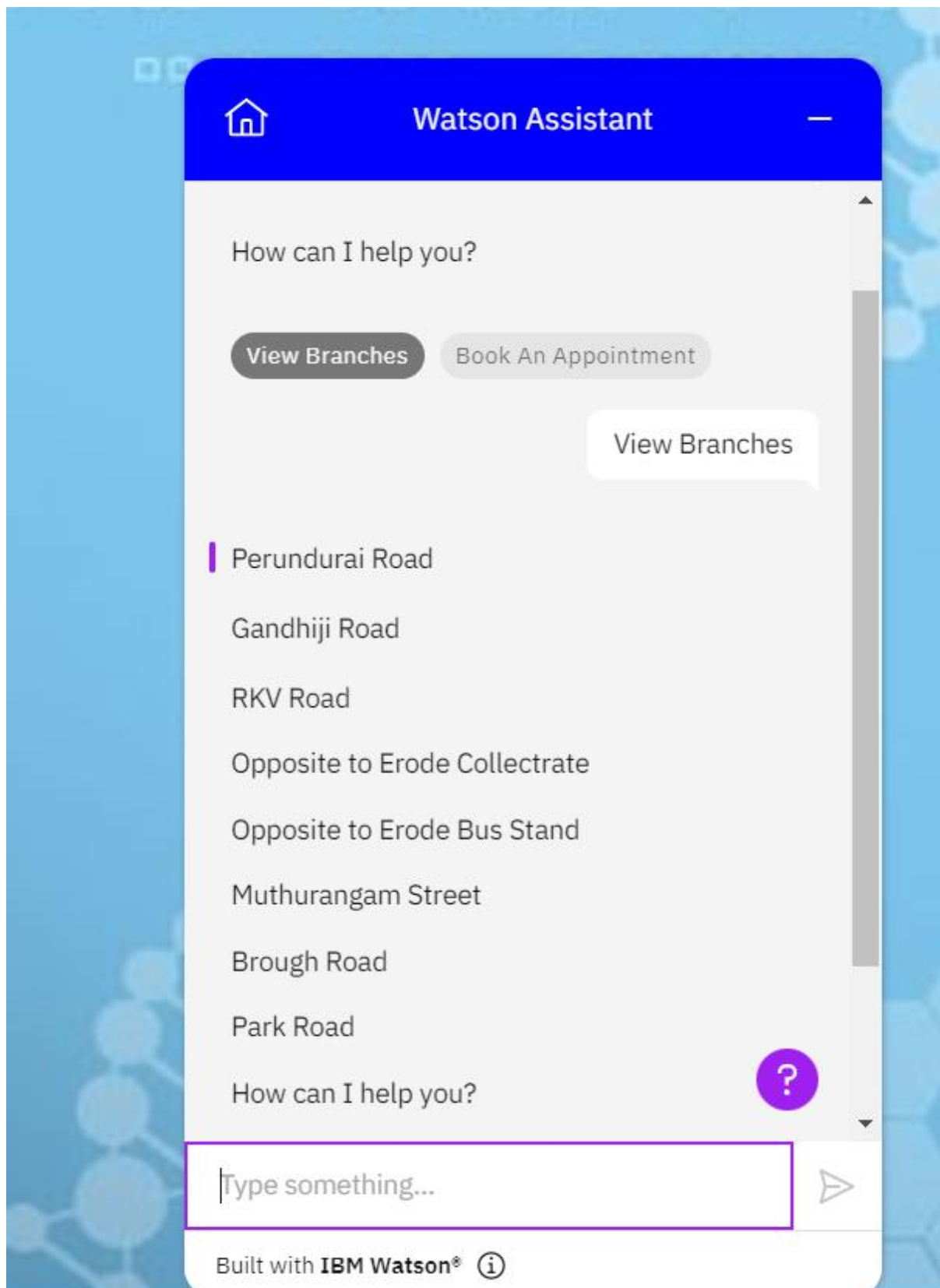


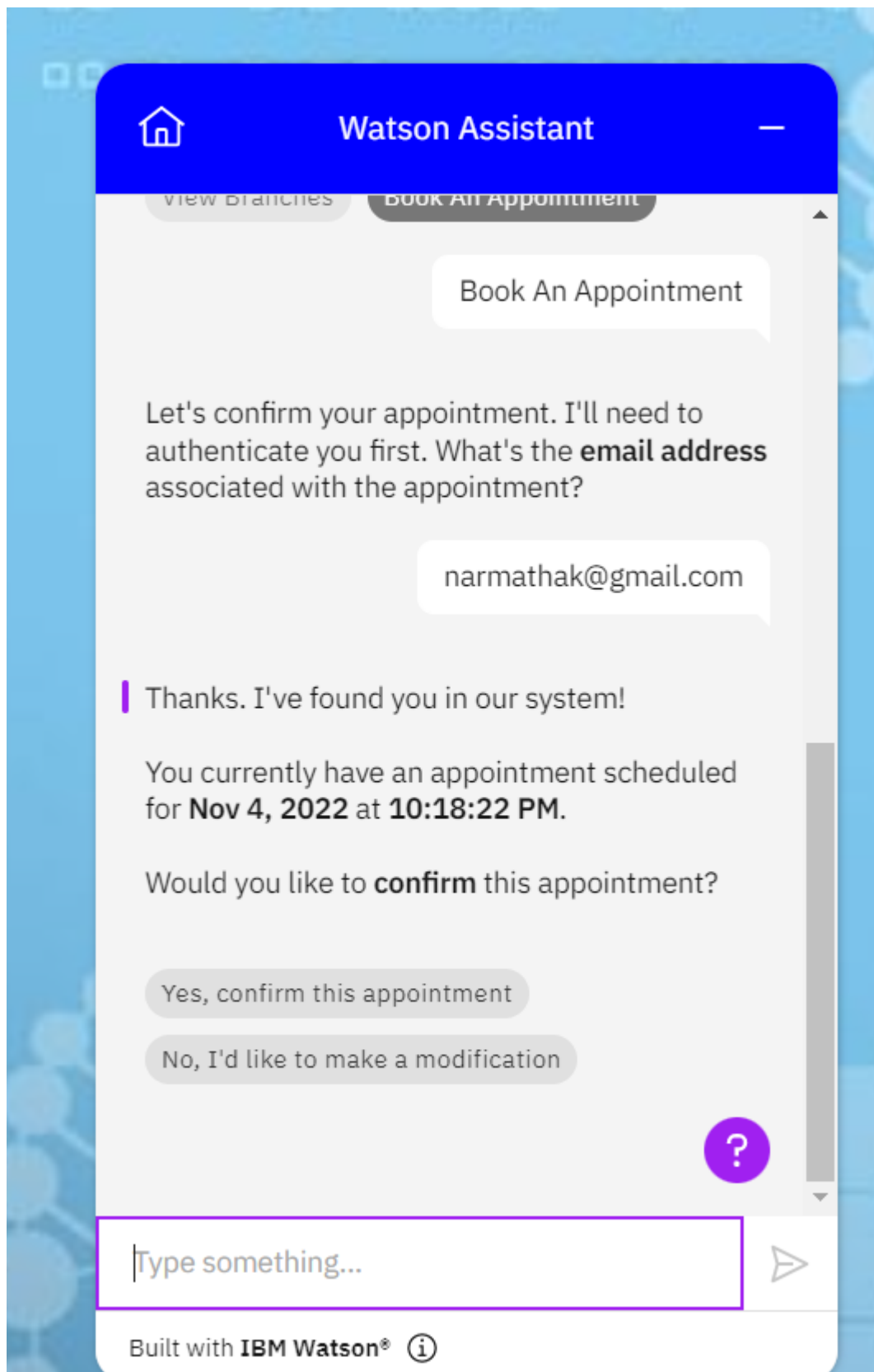
4.Design a chatbot using IBM Watson assistant for hospital. Ex: User comes with query to know the branches for that hospital in your city. Submit the web URL of that chat bot as a assignment.

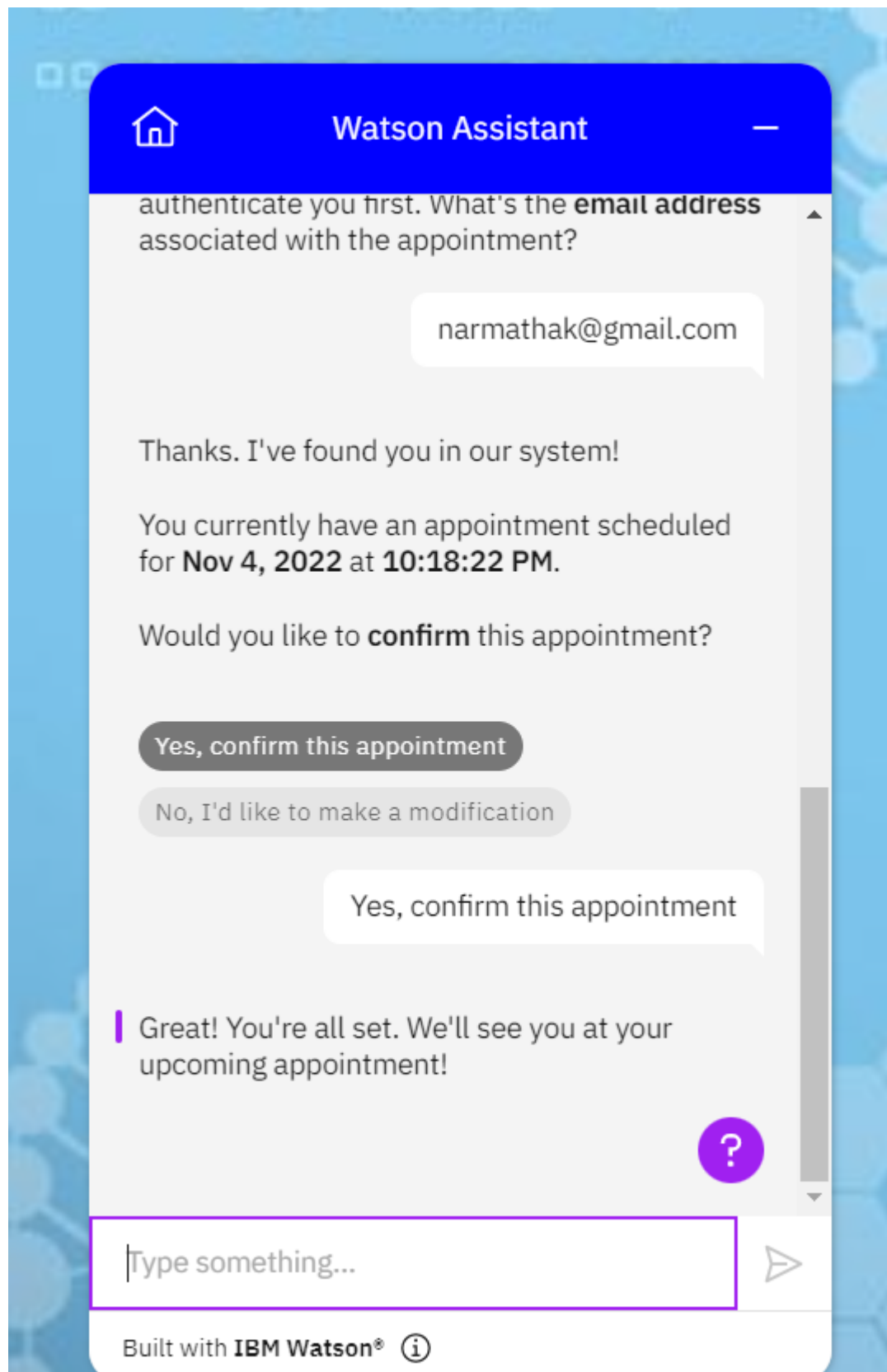
<https://web->

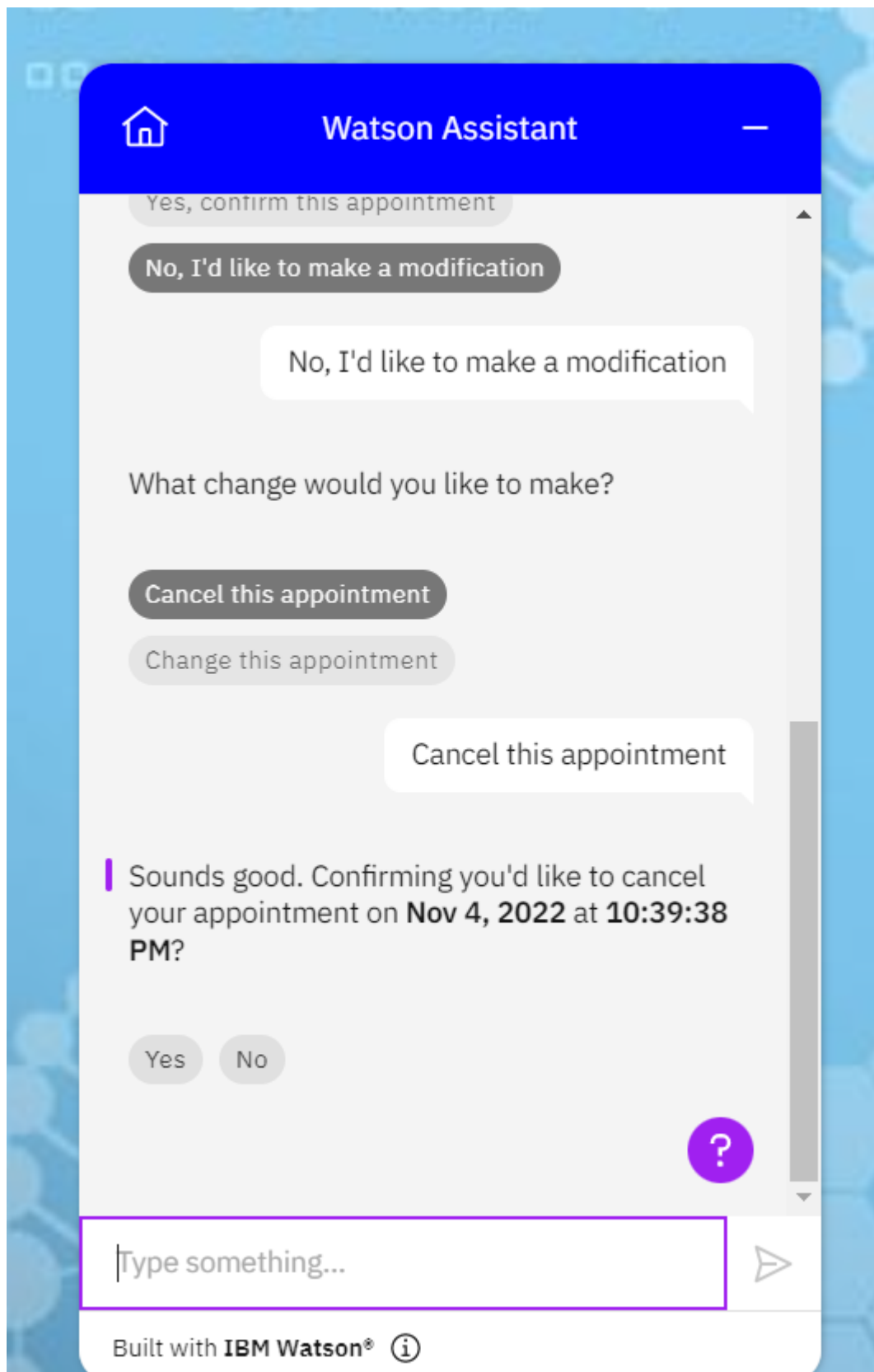
chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-8b8c3299-36b3-4b5c-bb51-f52932d852a4%3A%3Aa92686e-90c3-45e4-ba78-7870c2ab7e59&integrationID=3020618b-5328-4019-a285-7b9fd278d8e1®ion=au-syd&serviceInstanceID=8b8c3299-36b3-4b5c-bb51-f52932d852a4

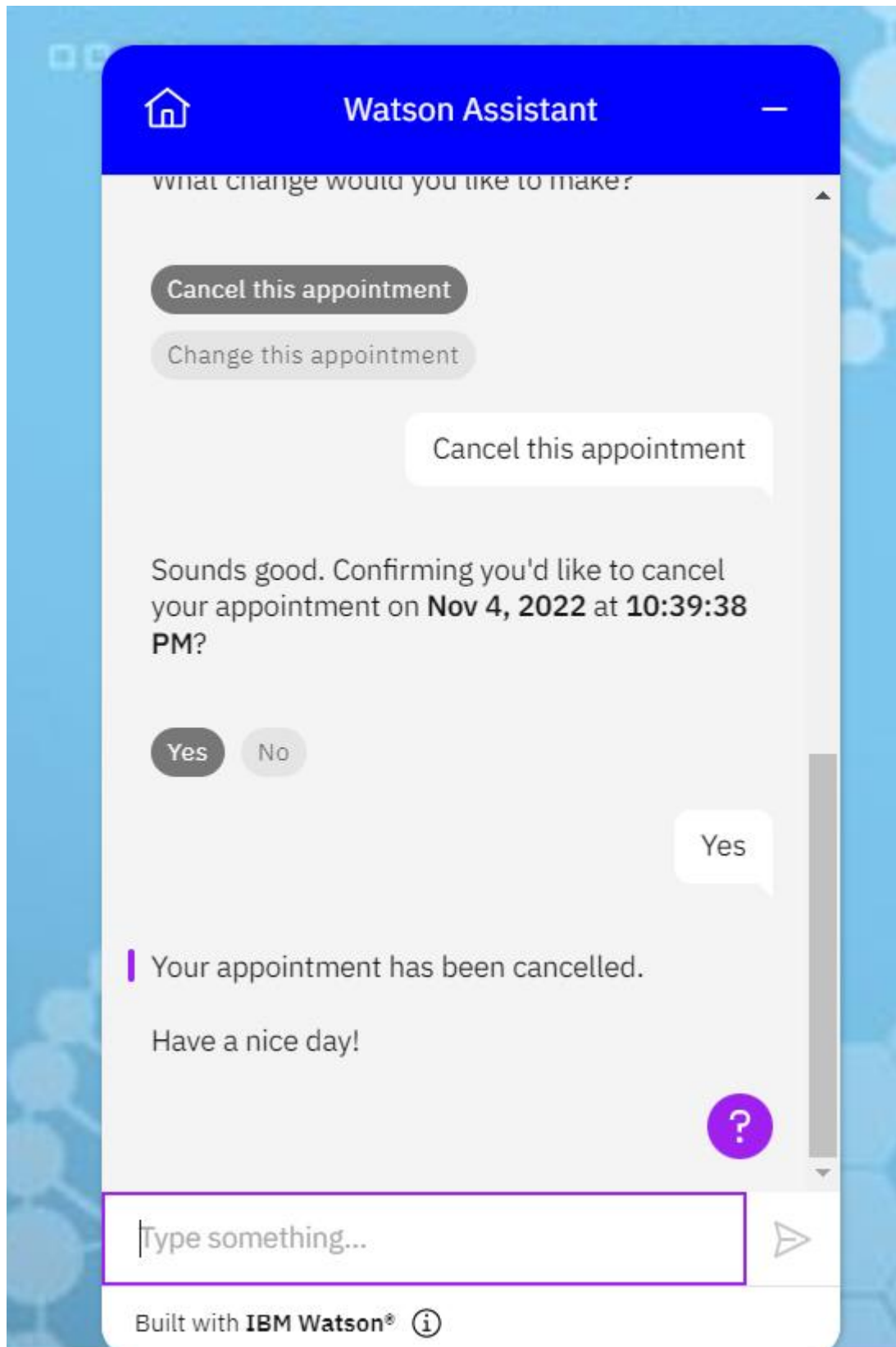












5.Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page.

html:

```
<html>
```

```
<head>
```

```
  <link rel="stylesheet" href="https://s3.jp-tok.cloud-object-  
storage.appdomain.cloud/nalaiyathiran19it063/style.css">
```

```
  <script>
```

```
    window.watsonAssistantChatOptions = {
```

```
      integrationID: "3020618b-5328-4019-a285-7b9fd278d8e1", // The ID of this integration.
```

```
      region: "au-syd", // The region your integration is hosted in.
```

```
      serviceInstanceID: "8b8c3299-36b3-4b5c-bb51-f52932d852a4", // The ID of your service instance.
```

```
      onLoad: function(instance) { instance.render(); }
```

```
    };
```

```
    setTimeout(function(){
```

```
      const t=document.createElement('script');
```

```
      t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +  
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
```

```
      document.head.appendChild(t);
```

```
    });
```

```
  </script>
```

```
</head>
```

```
  <body>
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    <div>
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</div>
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</body>

</html>

