

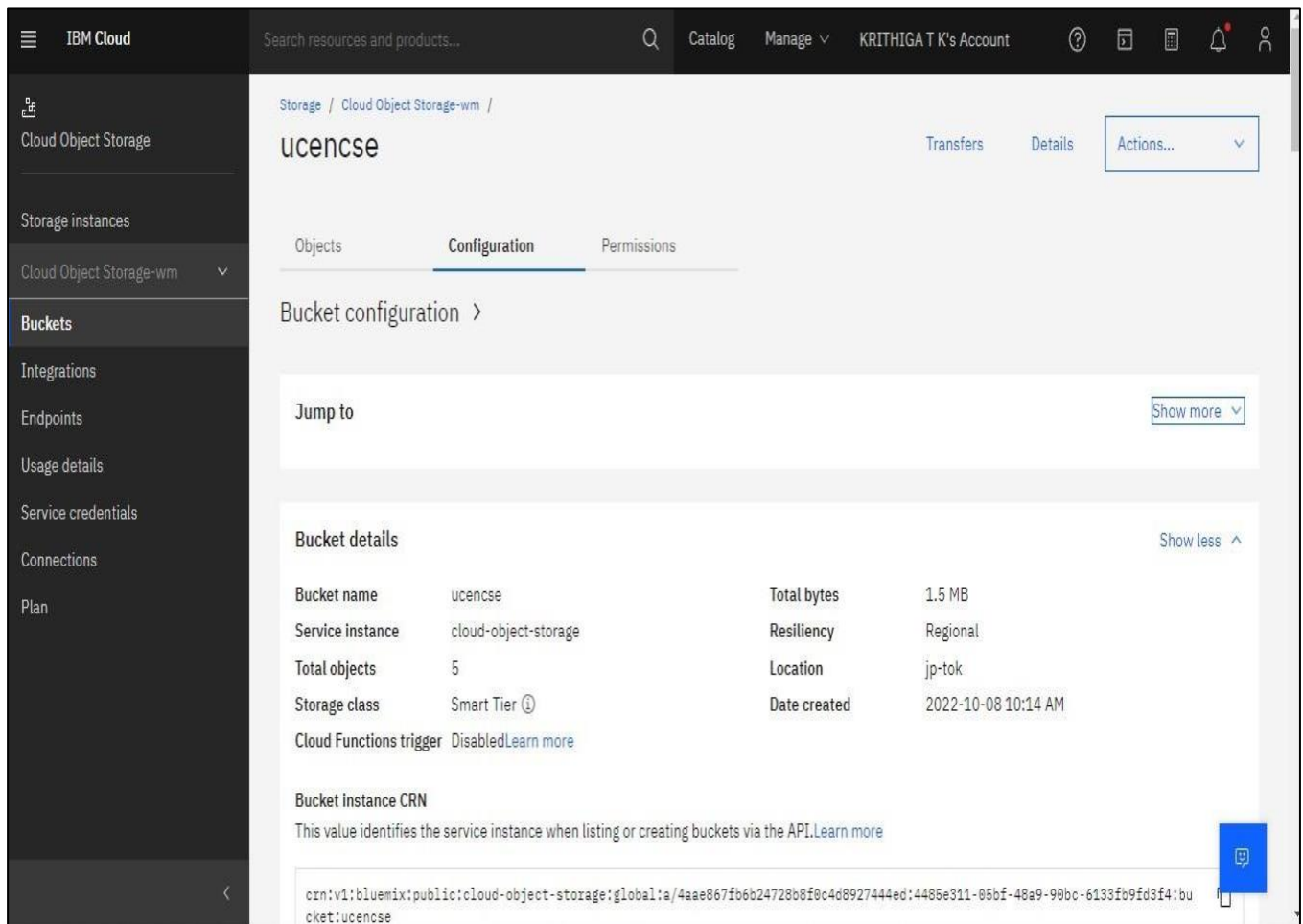
ASSIGNMENT 3

PROJECT TITLE : NUTRITION ASSISTANT APPLICATION

TEAM ID : PNT2022TMID23530

OBJECT STORAGE AND WATSON ASSISTANT IN IBM CLOUD

1. Create a Bucket in IBM object storage.



The screenshot displays the IBM Cloud console interface for managing Cloud Object Storage. The left sidebar shows the navigation menu with options like Cloud Object Storage, Storage instances, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area shows the configuration for a bucket named 'ucencse'. The 'Configuration' tab is selected, displaying the 'Bucket configuration' section. Below this, there is a 'Jump to' section with a 'Show more' dropdown. The 'Bucket details' section shows the following information:

Bucket details		Show less ^	
Bucket name	ucencse	Total bytes	1.5 MB
Service instance	cloud-object-storage	Resiliency	Regional
Total objects	5	Location	jp-tok
Storage class	Smart Tier ⓘ	Date created	2022-10-08 10:14 AM
Cloud Functions trigger	Disabled Learn more		

Below the bucket details, the 'Bucket instance CRN' is shown with a description: 'This value identifies the service instance when listing or creating buckets via the API. [Learn more](#)'. The CRN value is displayed in a text box:

```
crn:v1:bluemix:public:cloud-object-storage:global:a/4aa867fb6b24728b8f0c4d8927444ed:4485e311-05bf-48a9-90bc-6133fb9fd3f4:bucket:ucencse
```

Bucket was created

2. Upload 5 images to IBM object storage and make it public. Write html code to displaying all the 5 images.

IBM Cloud

Search resources and products...

ucencse

Transfers Details Actions...

Objects Configuration Permissions

Warning: All objects in this bucket have public view access.

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

Prefix filter

Upload

<input type="checkbox"/>	Object name	Archived ⓘ	Size	Last modified	
<input type="checkbox"/>	image1.jpg		389.8 KB	2022-10-08 10:22 AM	⋮
<input type="checkbox"/>	image2.jpg		181.0 KB	2022-10-08 10:22 AM	⋮
<input type="checkbox"/>	image3.jpg		161.4 KB	2022-10-08 10:22 AM	⋮
<input type="checkbox"/>	image4.jpg		750.4 KB	2022-10-08 10:21 AM	⋮
<input type="checkbox"/>	images.jpg		3.9 KB	2022-10-08 10:21 AM	⋮

5 images was uploaded in the cloud object storage

IBM Cloud

Search resources and products...

Storage / Cloud Object Storage-wm /

ucencse

Transfers Details Actions...

Objects Configuration Permissions

Bucket access policies

Manage access to this bucket by creating IAM policies for users and service IDs. Users and service IDs must also have an instance level viewer role (or higher) to use the console or to list buckets using the REST API.

Access policies

Public access

Status: Enabled

Role for this bucket:

Content Reader

As a Content Reader, one can read and list objects in the bucket.

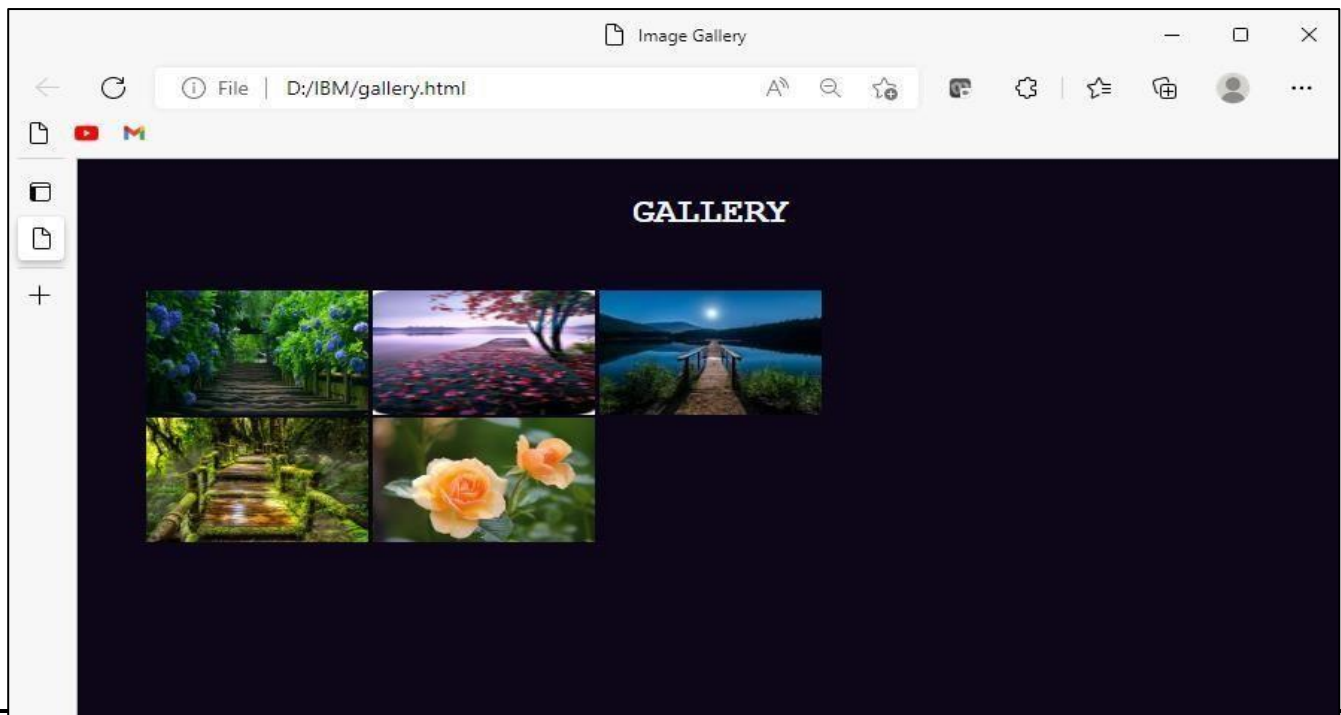
Create access policy

Public access is enabled

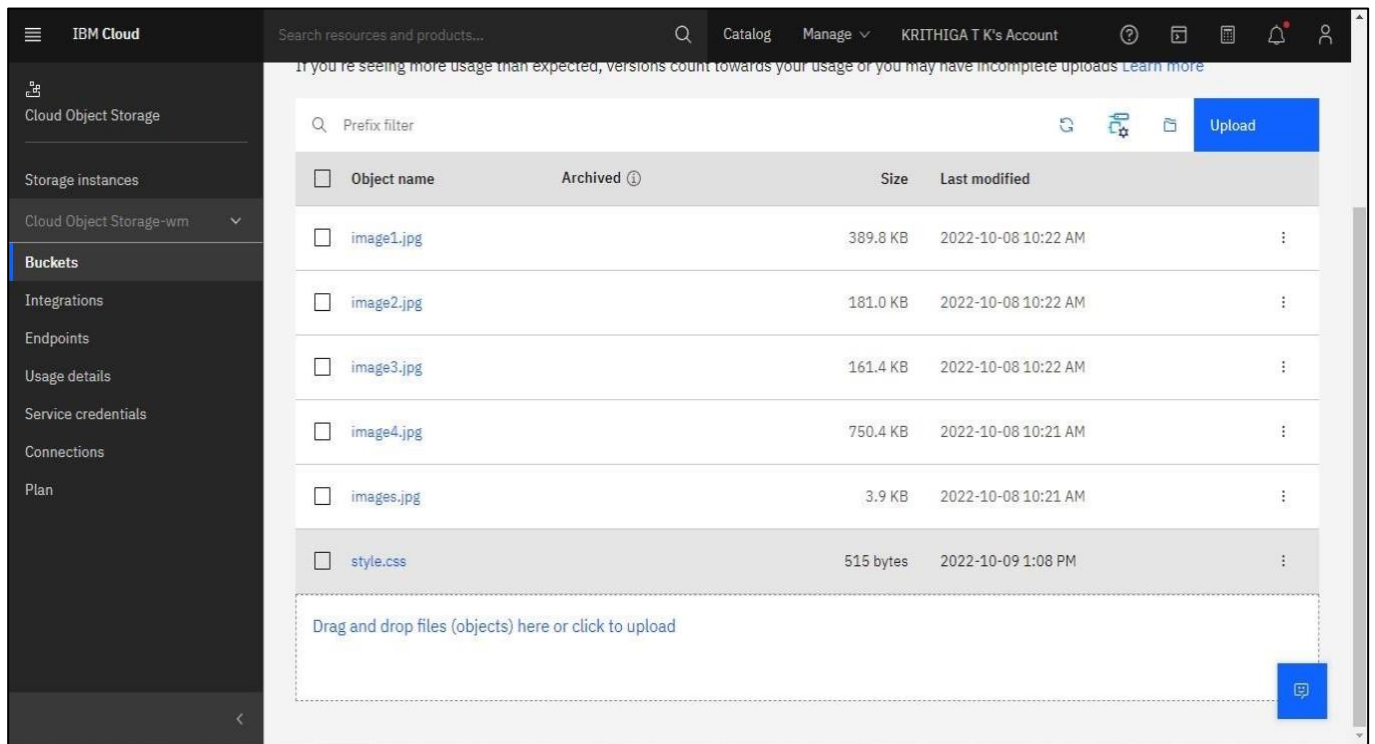
Gallery.html

```
gallery.html x
2 <html>
3   <head>
4     <title>Image Gallery</title>
5     <style type="text/css">
6       body{
7         background-color: rgb(13, 6, 24);
8       }
9       #gallery{
10        margin-top: 10%;
11        margin: 5%;
12        line-height:0;
13        column-count:5;
14        column-gap:5px;
15      }
16      #gallery img{
17        width: 100% !important;
18        height: 40% !important;
19        margin-bottom:5px;
20      }
21      h2{
22        text-align: center;
23        font-family: Courier;
24        font-size: 50px;
25        margin-top: 3%;
26        font-weight: bolder;
27        color: aliceblue;
28      }
29    </style>
30  </head>
31  <body>
32    <h2>GALLERY</h2>
33    <div id="gallery">
34      
35      
36      
37      
38      
39    </div>
40  </body>
41 </html>
```

Output



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



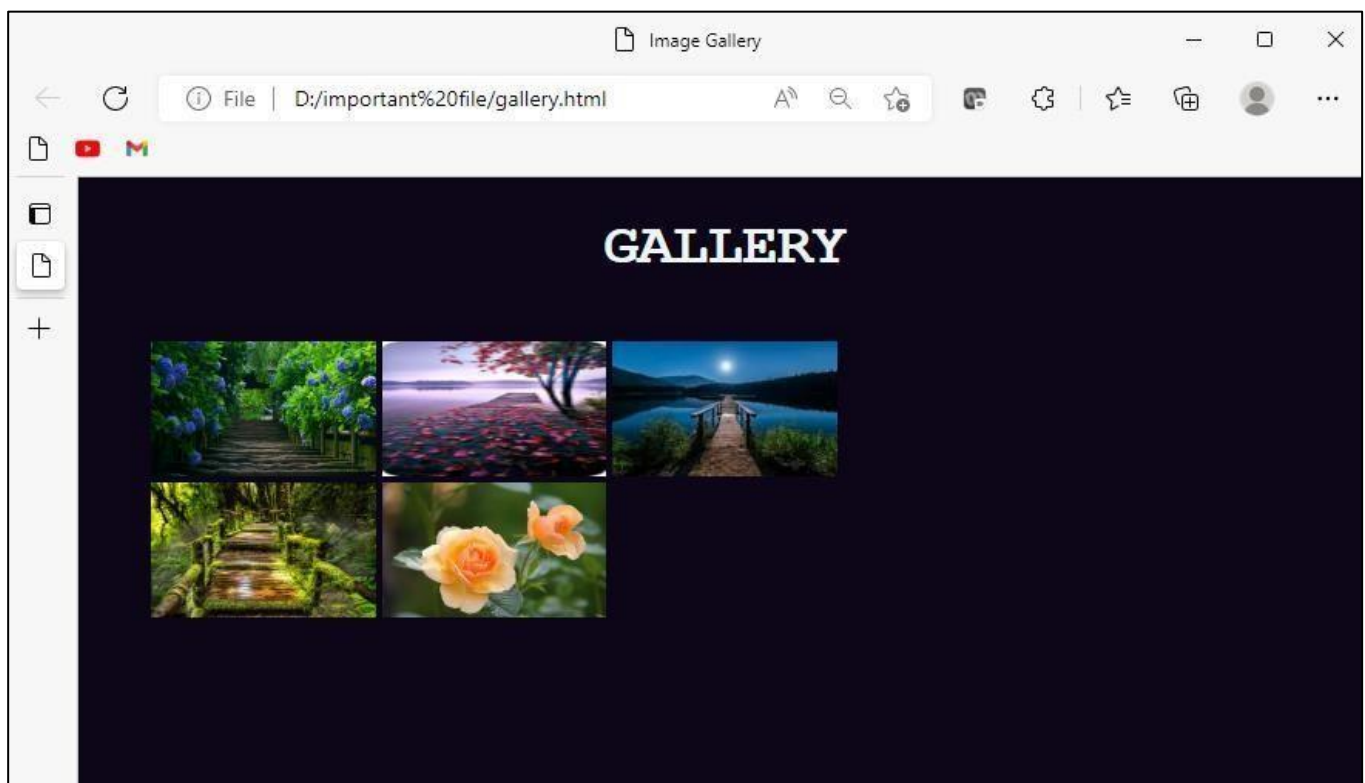
Style.css



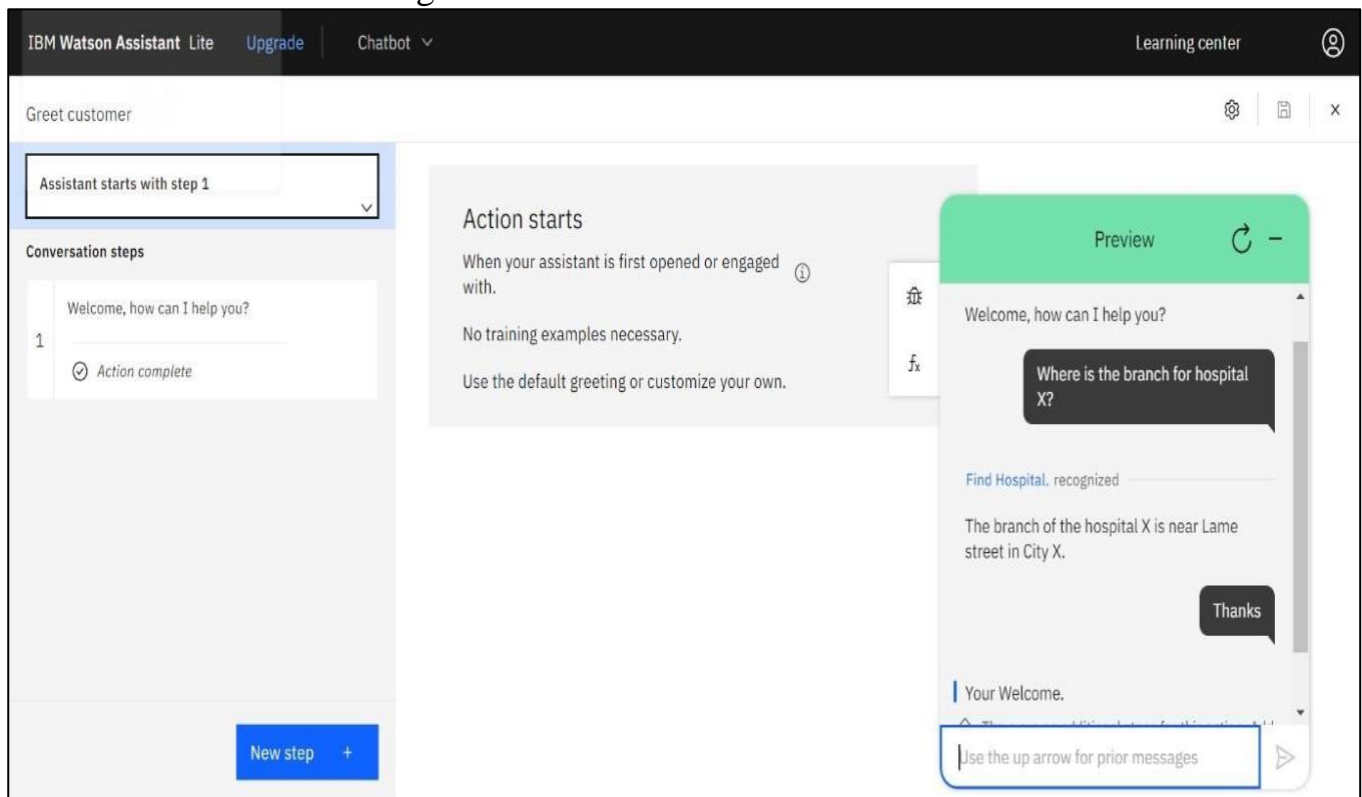
Gallery.html

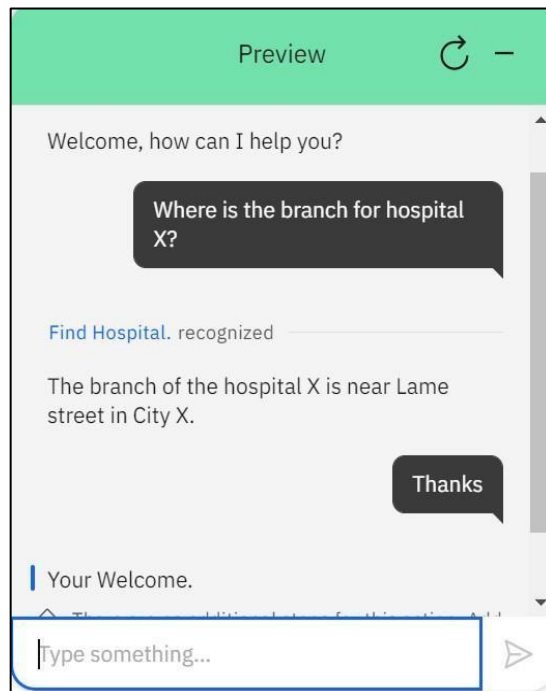
```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Image Gallery</title>
5     <link rel="stylesheet" href="https://ucencse.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">
6   </head>
7   <body>
8     <h2>GALLERY</h2>
9     <div id="gallery">
10      
11      
12      
13      
14      
15    </div>
16  </body>
17 </html>
```

Output



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

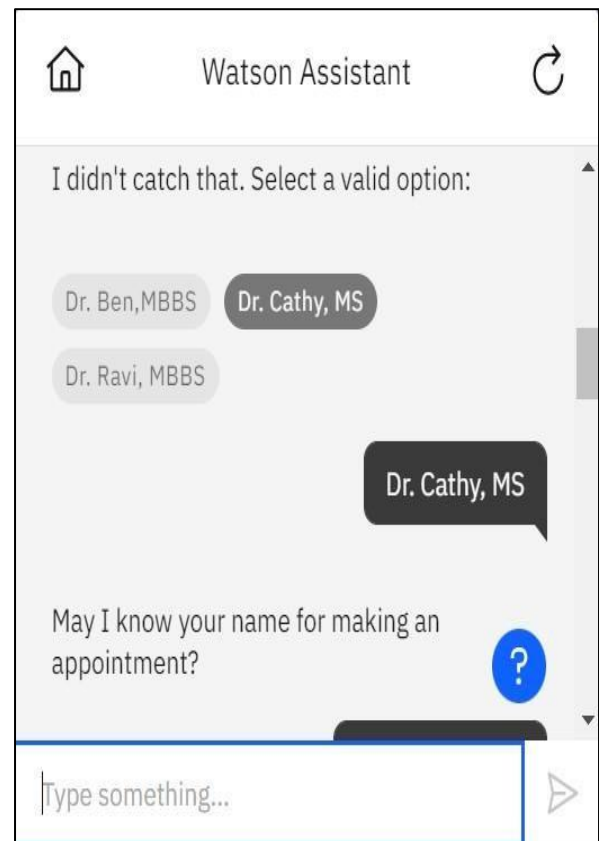
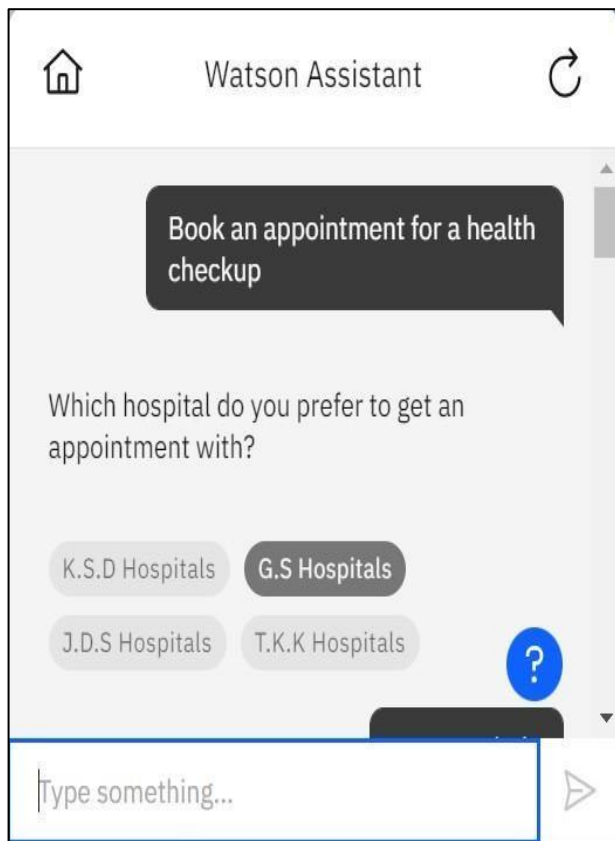
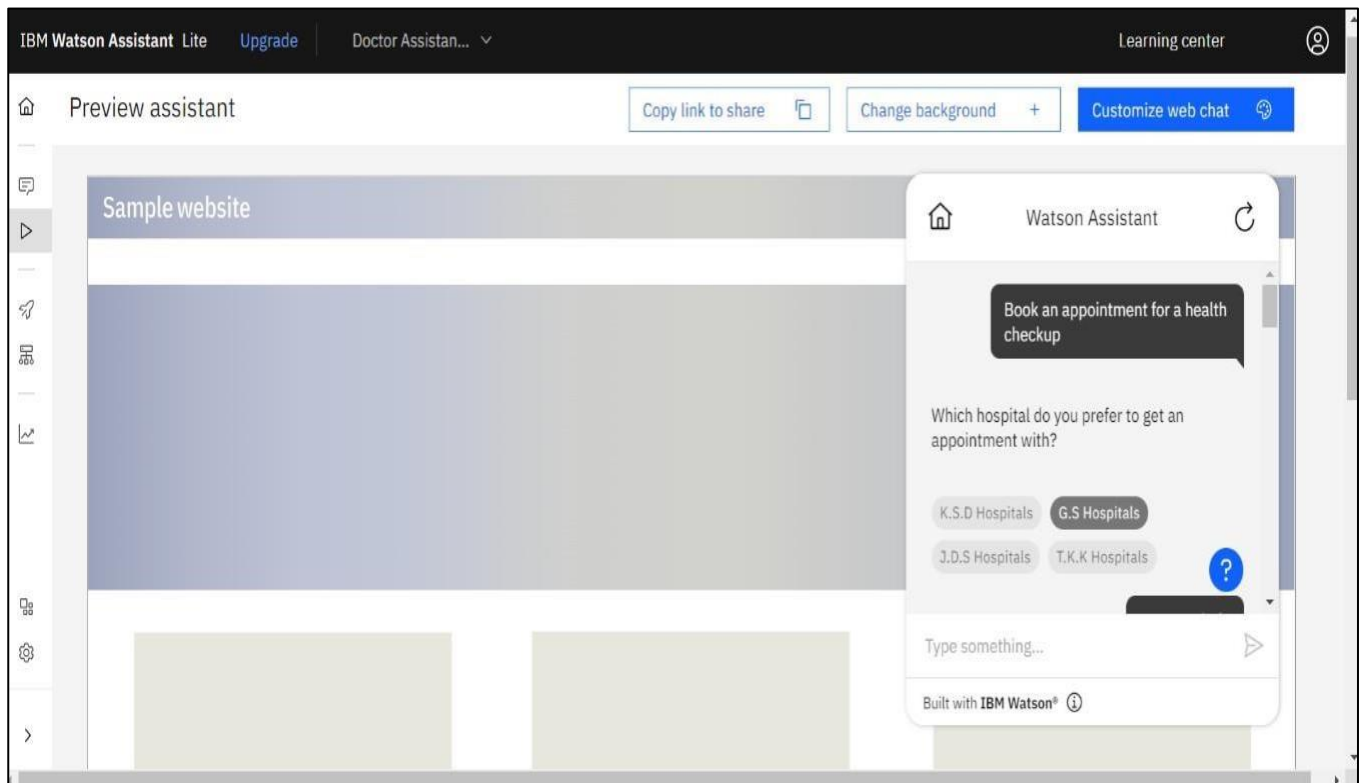


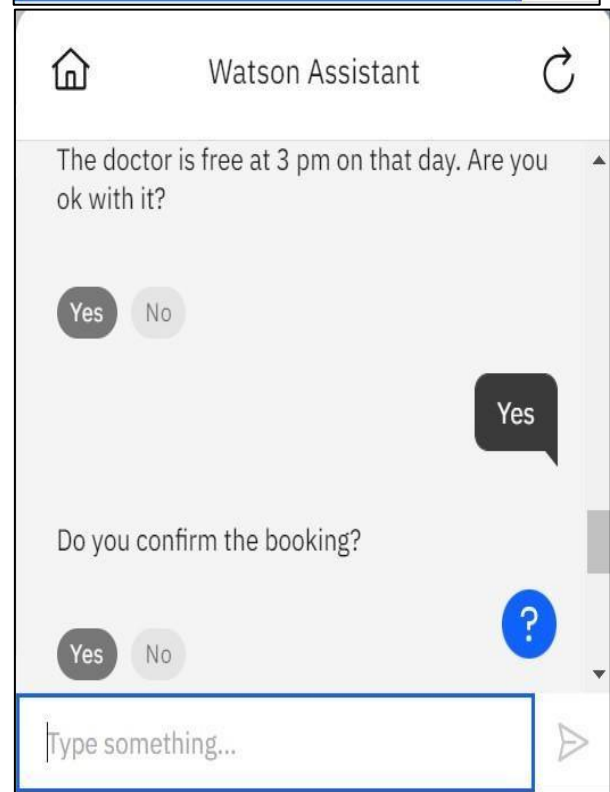
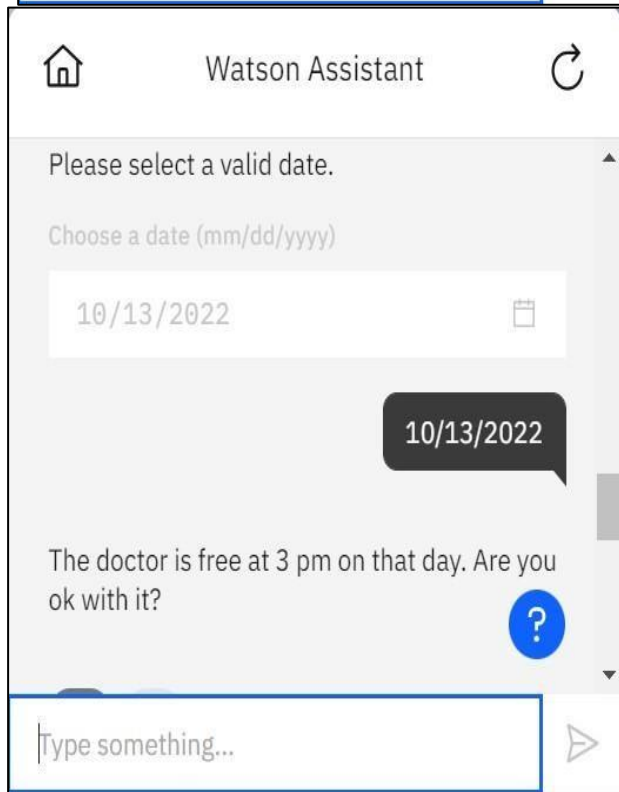
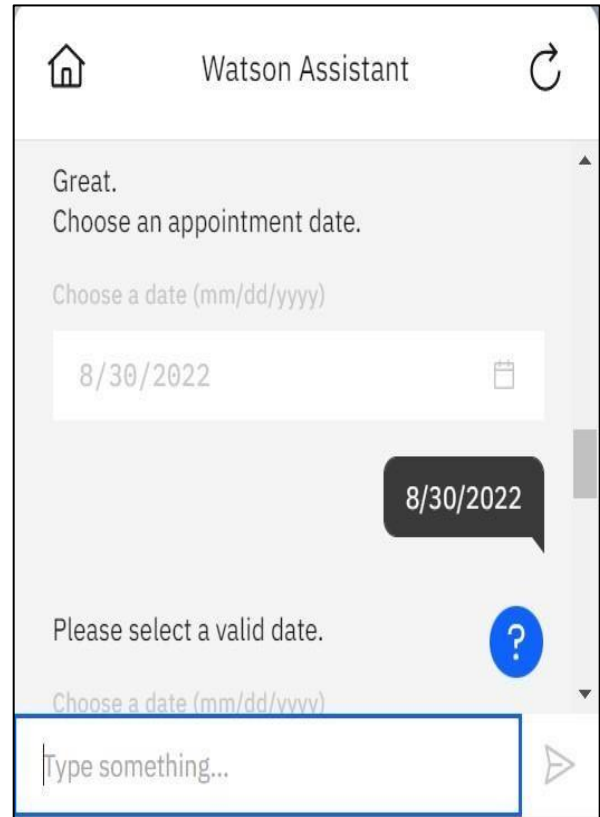
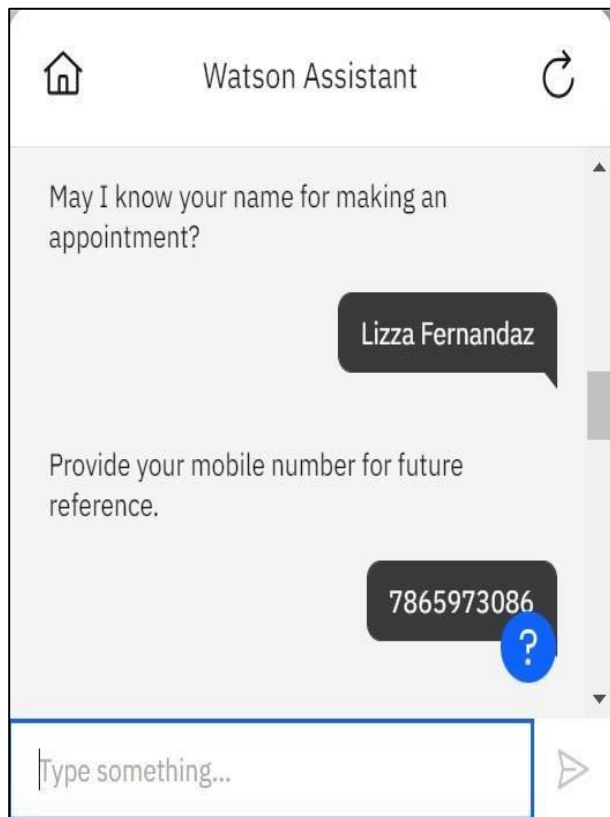


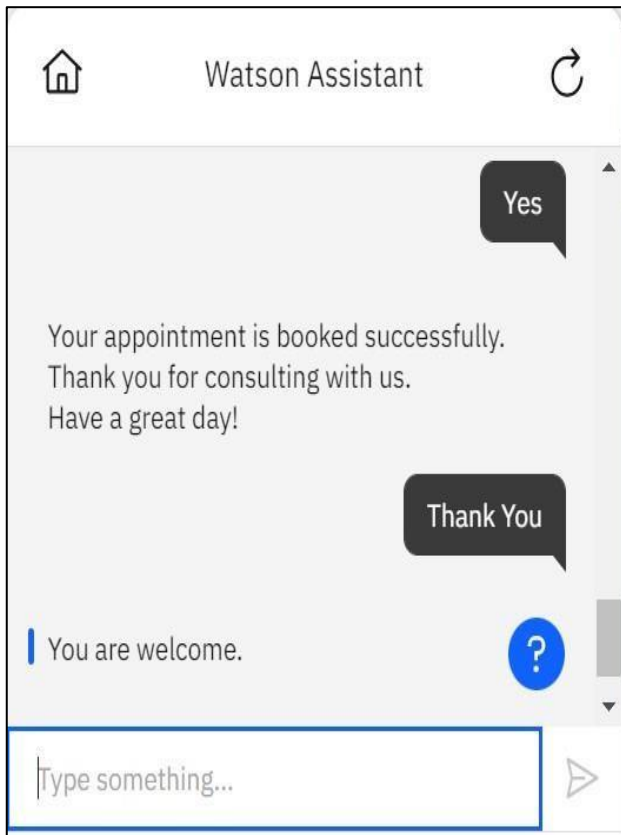
Chatbot Access URL

<https://webchat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageUrl=https%3A%2F%2Fjp-tok.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupxc1c094d9-c048-4877-b09e-202b2a623fda%3A%3A28be94d0-4a06-4bb7a0af358479d049ca&integrationID=640b8a9b-167a-4301-8cf9-f956c3444e5f®ion=jptok&serviceInstanceID=c1c094d9-c048-4877-b09e202b2a623fda>

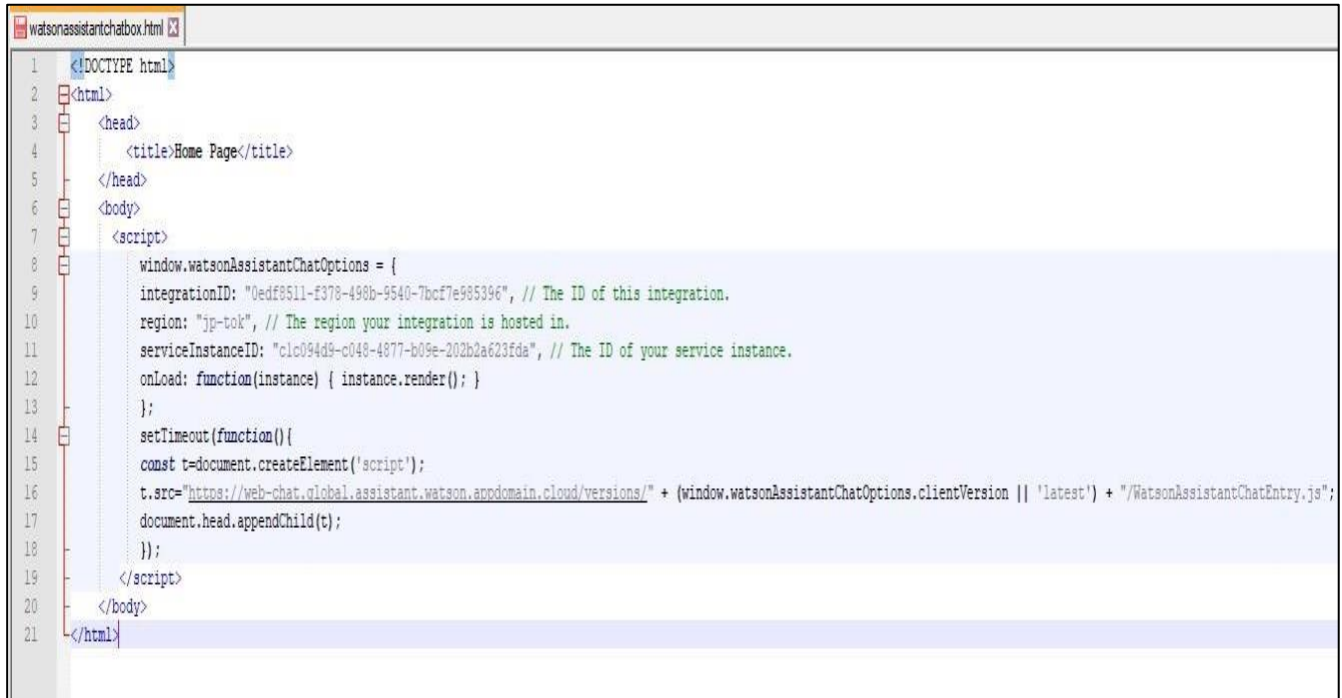
5. Create a Watson assistant service with ten steps and use three conditions in it. Load that script in the html page.







Watsonassistantchatbot.html



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Home Page</title>
5 </head>
6 <body>
7   <script>
8     window.watsonAssistantChatOptions = {
9       integrationID: "0edf8511-f378-498b-9540-7bcf7e985396", // The ID of this integration.
10      region: "jp-tok", // The region your integration is hosted in.
11      serviceInstanceID: "c1c094d9-c048-4877-b09e-202b2a623fda", // The ID of your service instance.
12      onLoad: function(instance) { instance.render(); }
13    };
14    setTimeout(function(){
15      const t=document.createElement('script');
16      t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
17      document.head.appendChild(t);
18    });
19   </script>
20 </body>
21 </html>
```

Chatbot access URL

<https://webchat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageUrl=https%3A%2F%2Fjp-tok.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupxc1c094d9-c0484877-b09e-202b2a623fda%3A%3A970fcc61-3fe8-4aa3962b7c9d376ceb12&integrationID=0edf8511-f378-498b-9540-7bcf7e985396®ion=jptok&serviceInstanceID=c1c094d9-c048-4877-b09e202b2a623fda>