

## ASSIGNMENT 3

PROJECT TITLE : SKILL AND JOB RECOMMENDER

TEAM ID : PNT2022TMID06756

### OBJECT STORAGE AND WATSON ASSISTANT IN IBM CLOUD

1. Create a Bucket in IBM object storage.

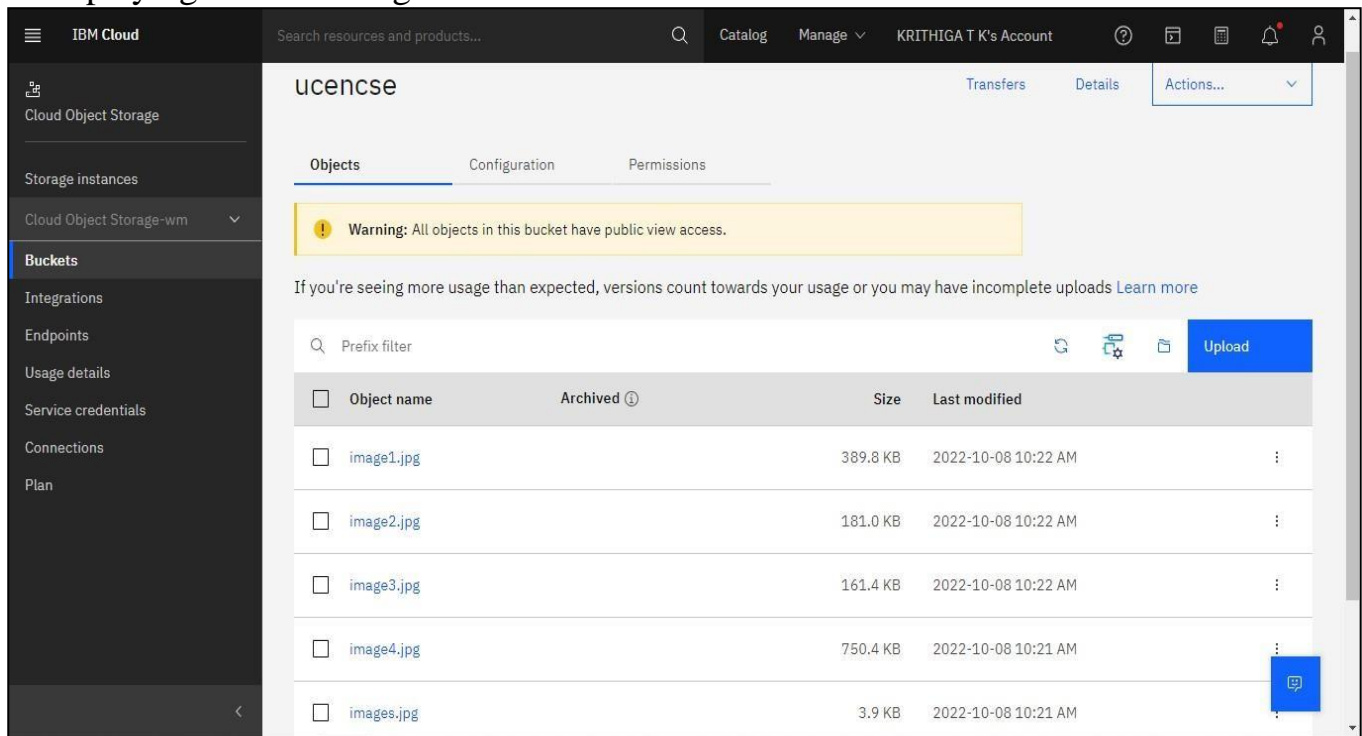
The screenshot displays the IBM Cloud console interface. On the left is a dark sidebar with navigation links: Cloud Object Storage, Storage Instances, Cloud Object Storage-wm, Buckets (selected), Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area has a top navigation bar with a search bar, 'Catalog', 'Manage', and the user account 'KRITHIGA T K's Account'. Below this, the breadcrumb 'Storage / Cloud Object Storage-wm /' is followed by the bucket name 'ucence'. There are tabs for 'Objects', 'Configuration' (active), and 'Permissions'. The 'Configuration' tab shows 'Bucket configuration >'. A 'Jump to' section is present. The 'Bucket details' section contains a table with the following information:

Bucket name	ucence	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 <a href="#">Learn more</a>		

Below the table, the 'Bucket instance CRN' is shown: 'crn:v1:bluemix:public:cloud-object-storage:global:a/4aae867fb6b24728b8f0c4d8927444ed:4485e311-85bf-48a9-90bc-6133fb9fd3f4:bucket:ucence'. A blue chat icon is in the bottom right corner.

Bucket was created

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

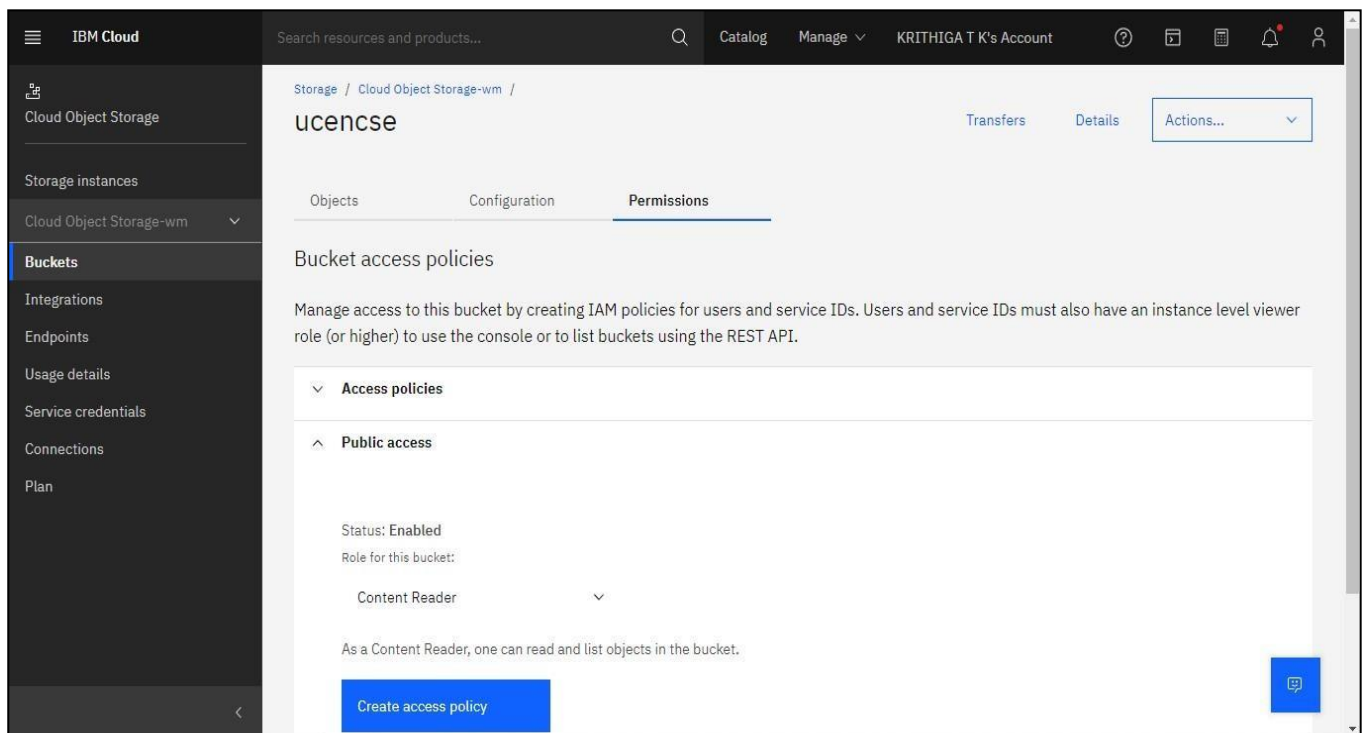


The screenshot shows the IBM Cloud Object Storage console. The left sidebar contains navigation links: IBM Cloud, Cloud Object Storage, Storage instances, Cloud Object Storage-wm, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main panel displays the 'ucencse' bucket. A warning message states: 'Warning: All objects in this bucket have public view access.' Below this, a message says: 'If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads. Learn more'. A table lists the objects in the bucket:

Object name	Archived	Size	Last modified
image1.jpg		389.8 KB	2022-10-08 10:22 AM
image2.jpg		181.0 KB	2022-10-08 10:22 AM
image3.jpg		161.4 KB	2022-10-08 10:22 AM
image4.jpg		750.4 KB	2022-10-08 10:21 AM
images.jpg		3.9 KB	2022-10-08 10:21 AM

An 'Upload' button is visible in the top right corner of the object list area.

5 images was uploaded in the cloud object storage



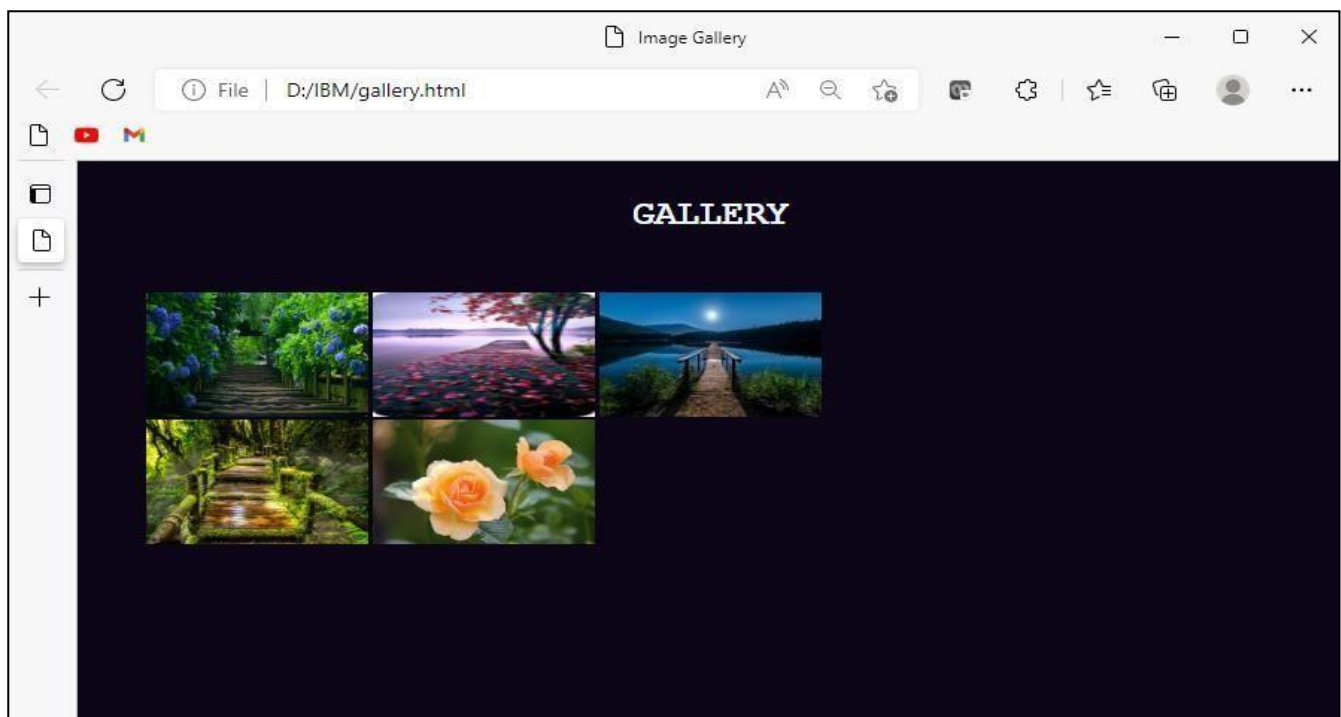
The screenshot shows the IBM Cloud Object Storage console, specifically the 'Permissions' tab for the 'ucencse' bucket. The left sidebar is the same as in the previous screenshot. The main panel displays 'Bucket access policies'. A message states: 'Manage access to this bucket by creating IAM policies 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.' Below this, a section titled 'Access policies' shows a list of policies. The 'Public access' policy is expanded, showing its status as 'Enabled' and its role as 'Content Reader'. A description states: 'As a Content Reader, one can read and list objects in the bucket.' A 'Create access policy' button is visible at the bottom left of the policy list.

Public access is enabled

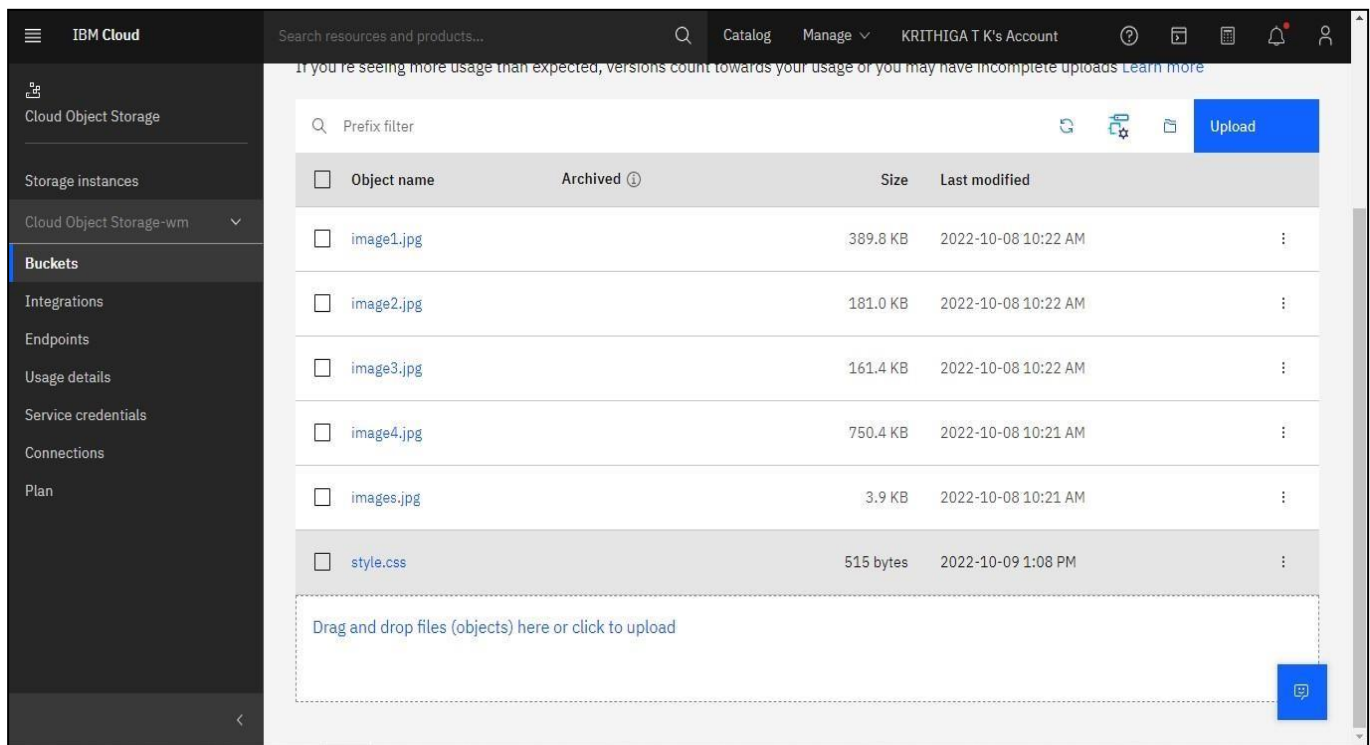
## Gallery.html

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

## Output



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



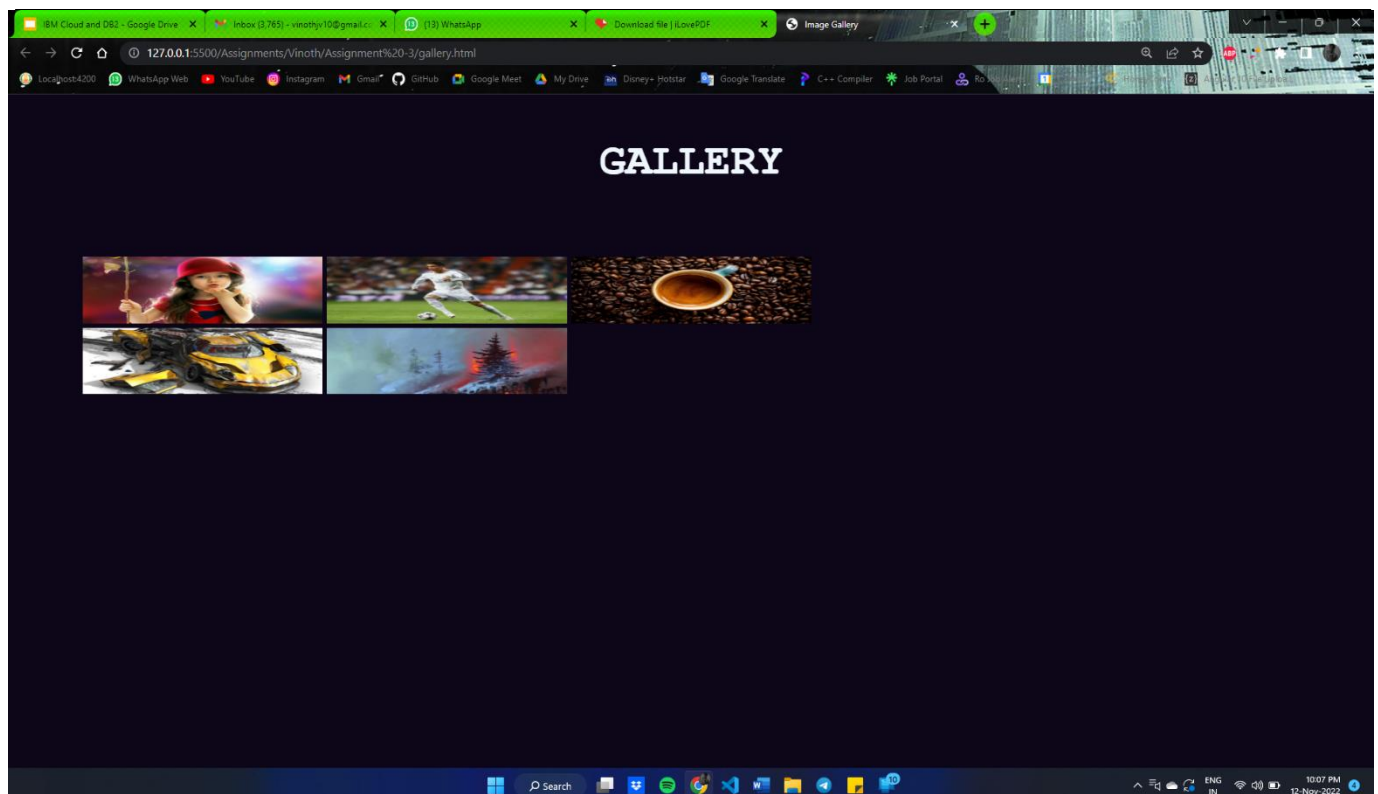
### Style.css



## Gallery.html

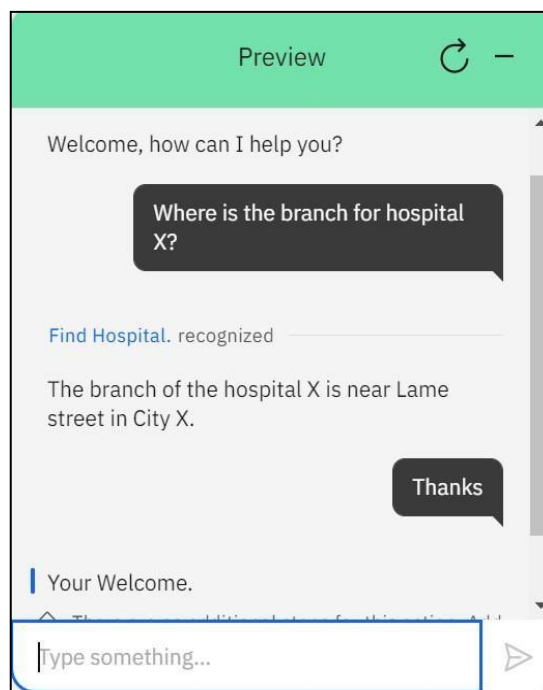
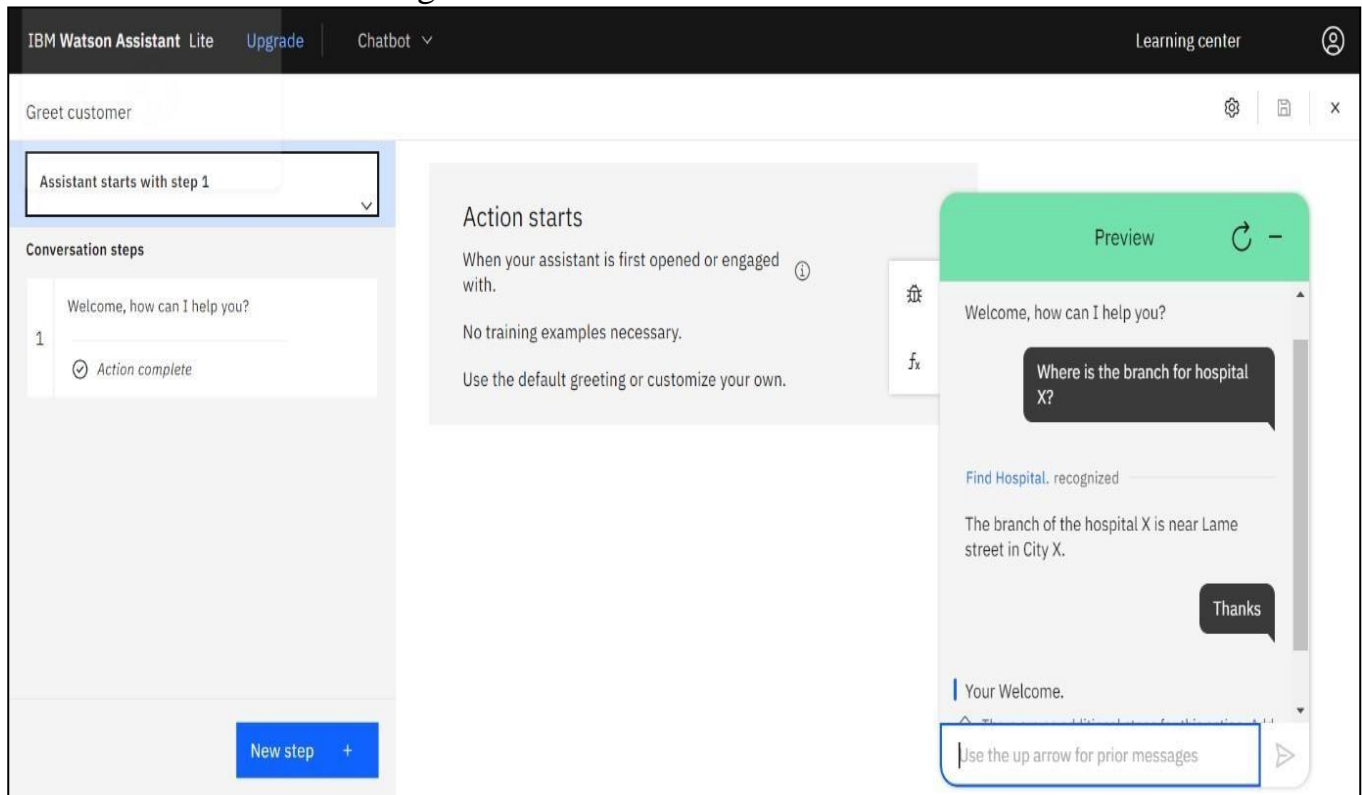
```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Image Gallery</title>
5     <link rel="stylesheet" href="https://ucencse.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">
6   </head>
7   <body>
8     <h2>GALLERY</h2>
9     <div id="gallery">
10      
11      
12      
13      
14    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

## Output





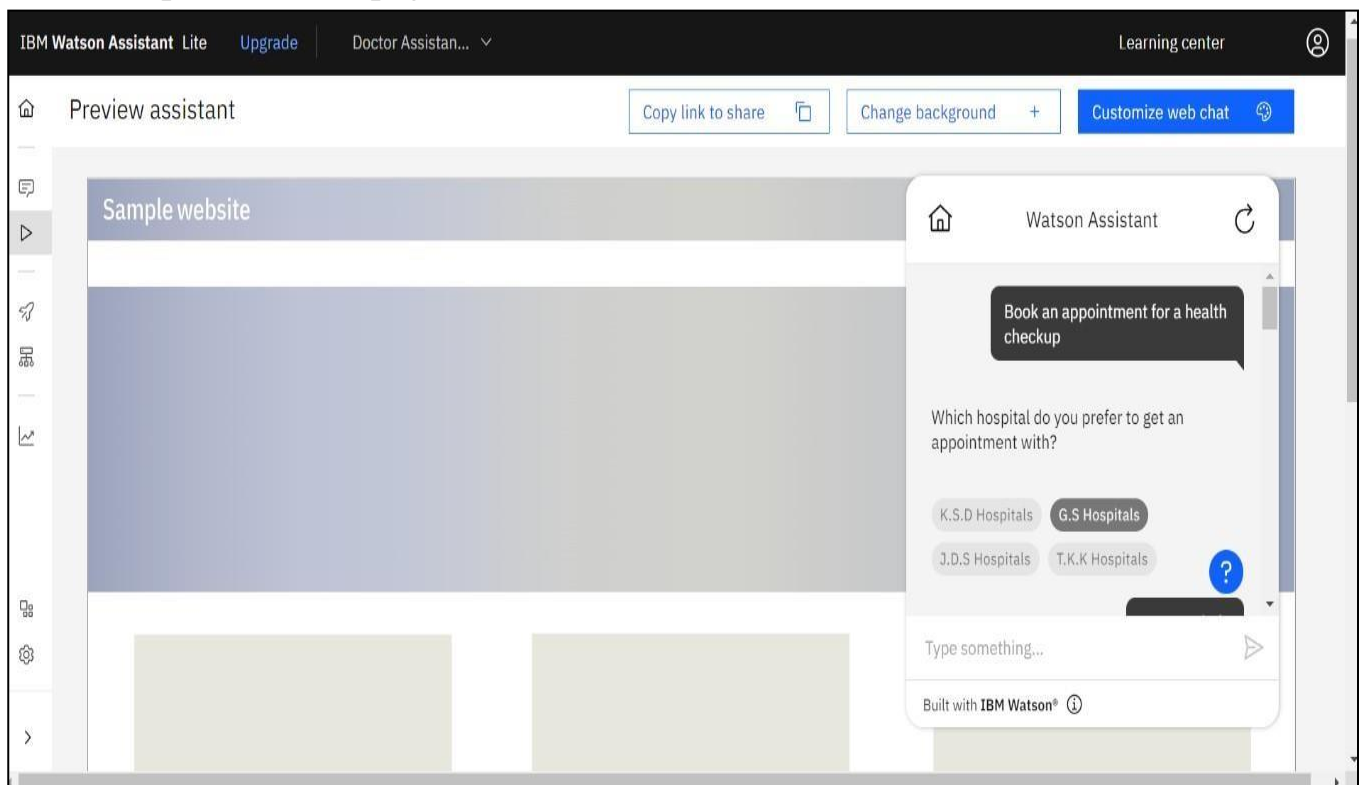
4. Design a chat bot using IBM Watson assistant for a hospital. Example the user comes with a query to know the branches of that hospital in your city. Submit the web URL of that chat bot as an assignment.

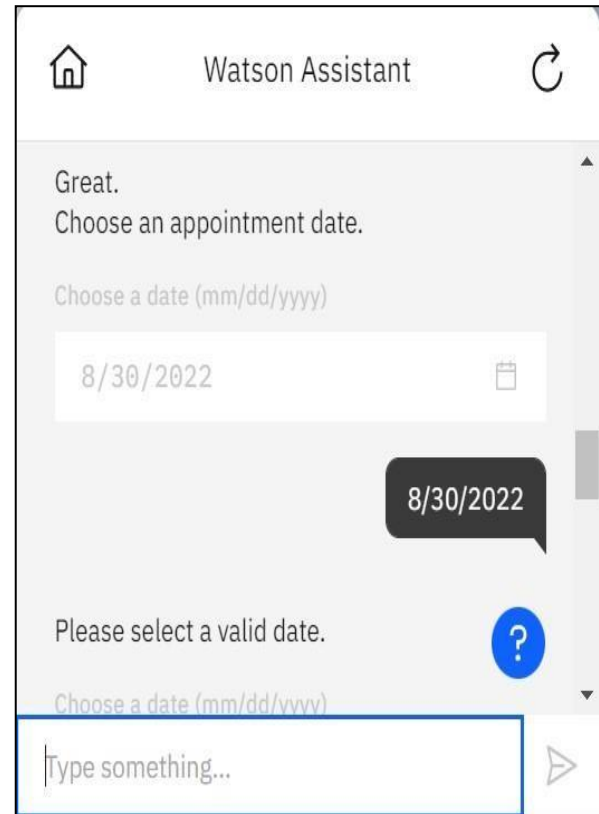
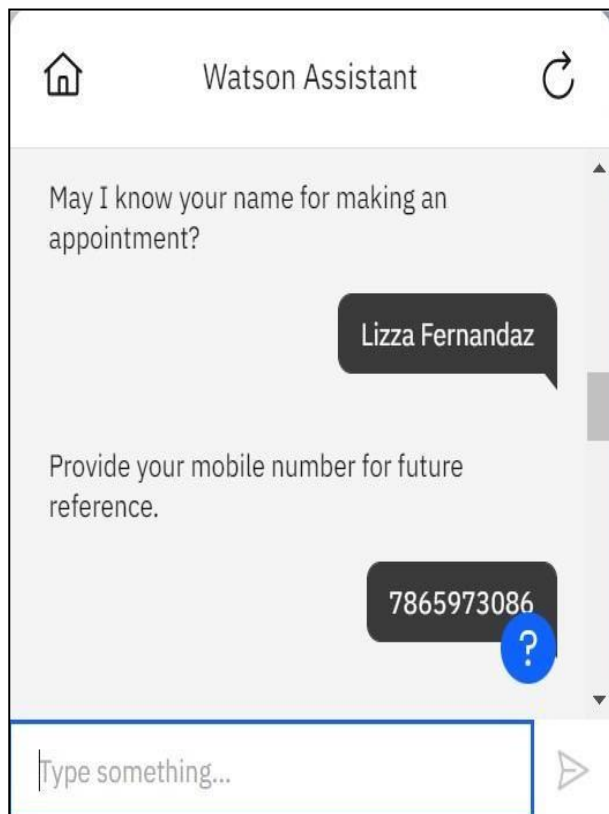
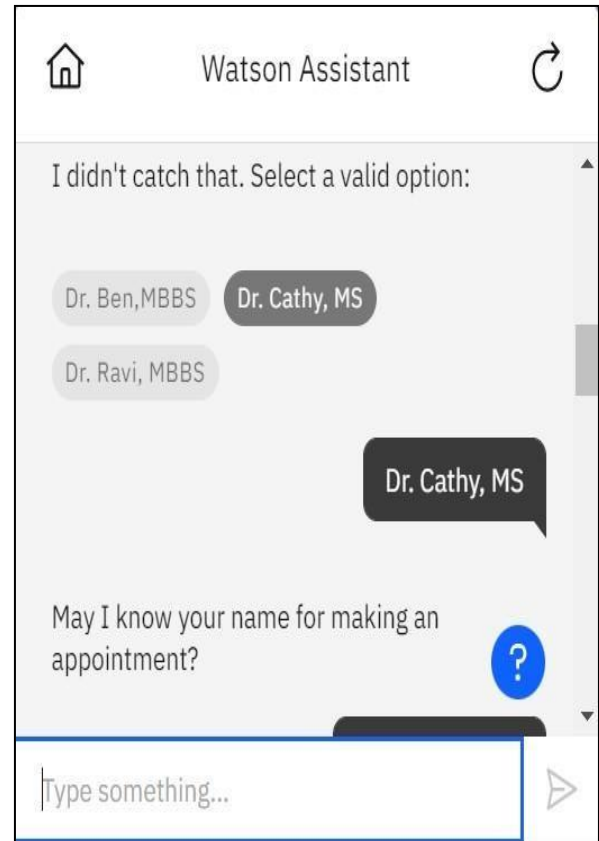
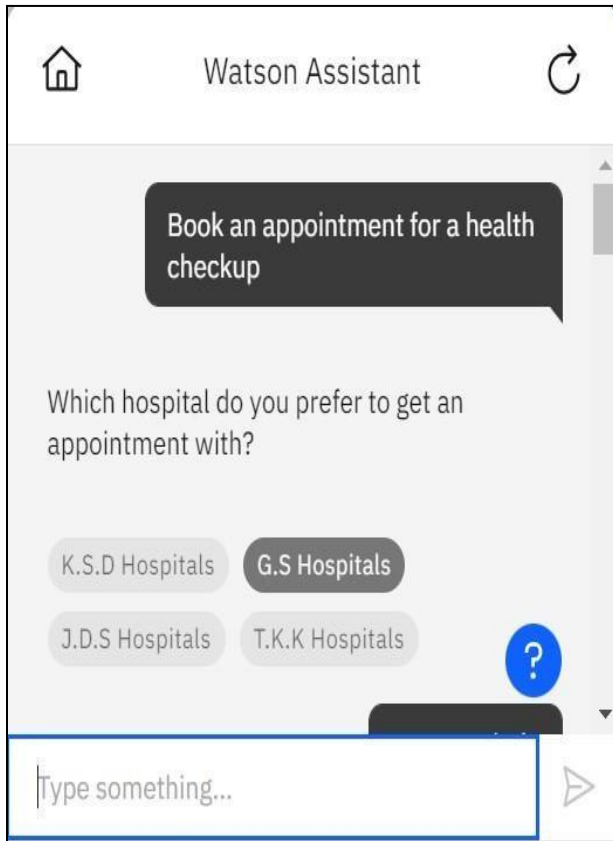


## Chatbot Access URL

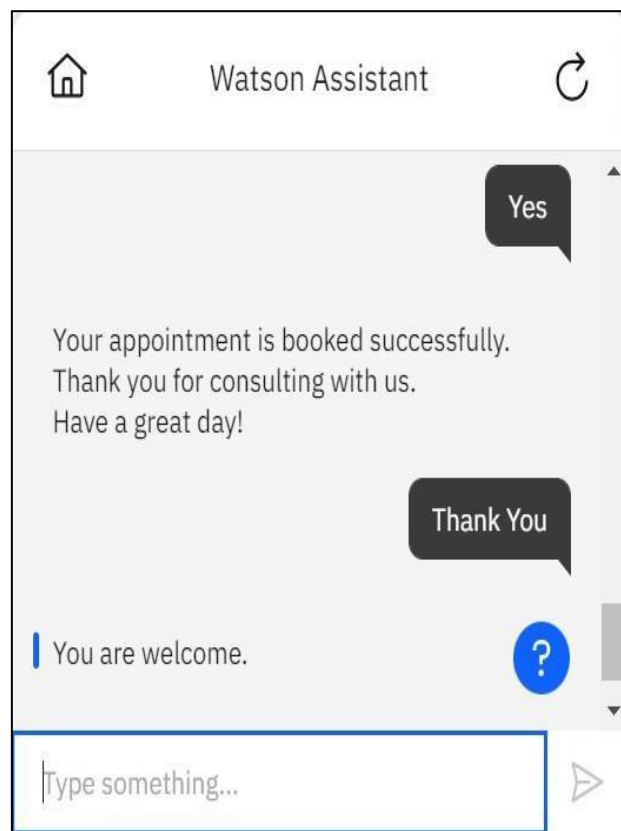
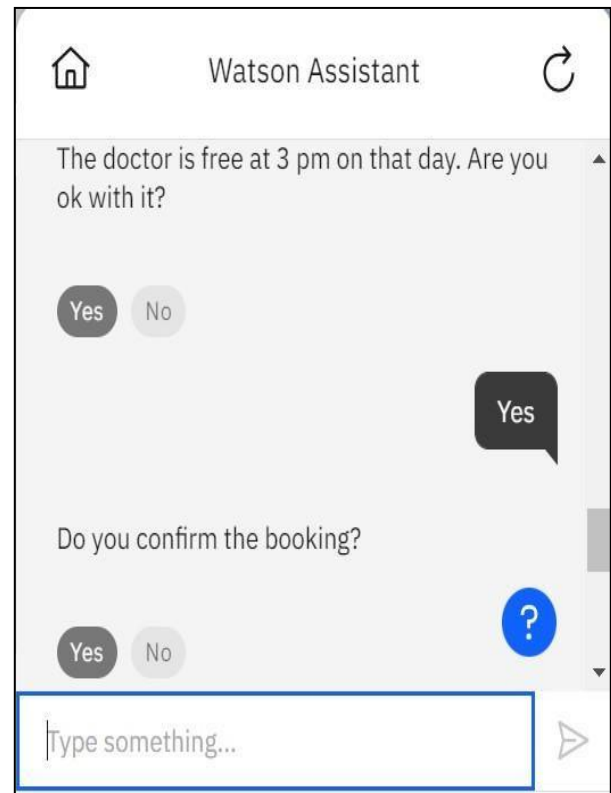
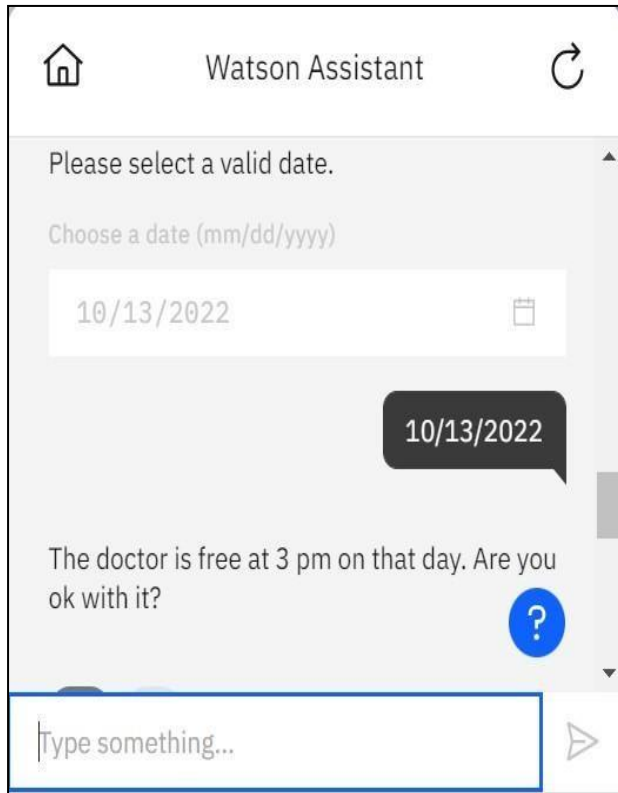
<https://webchat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fjptok.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupxc1c094d9-c048-4877-b09e-202b2a623fda%3A%3A28be94d0-4a06-4bb7-a0af358479d049ca&integrationID=640b8a9b-167a-4301-8cf9-f956c3444e5f&region=jptok&serviceInstanceID=c1c094d9-c048-4877-b09e-202b2a623fda>

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-c048-4877-b09e-202b2a623fda%3A%3A970fcc61-3fe8-4aa3-962b7c9d376ceb12&integrationID=0edf8511-f378-498b-9540-7bcf7e985396&region=jptok&serviceInstanceID=c1c094d9-c048-4877-b09e-202b2a623fda>