

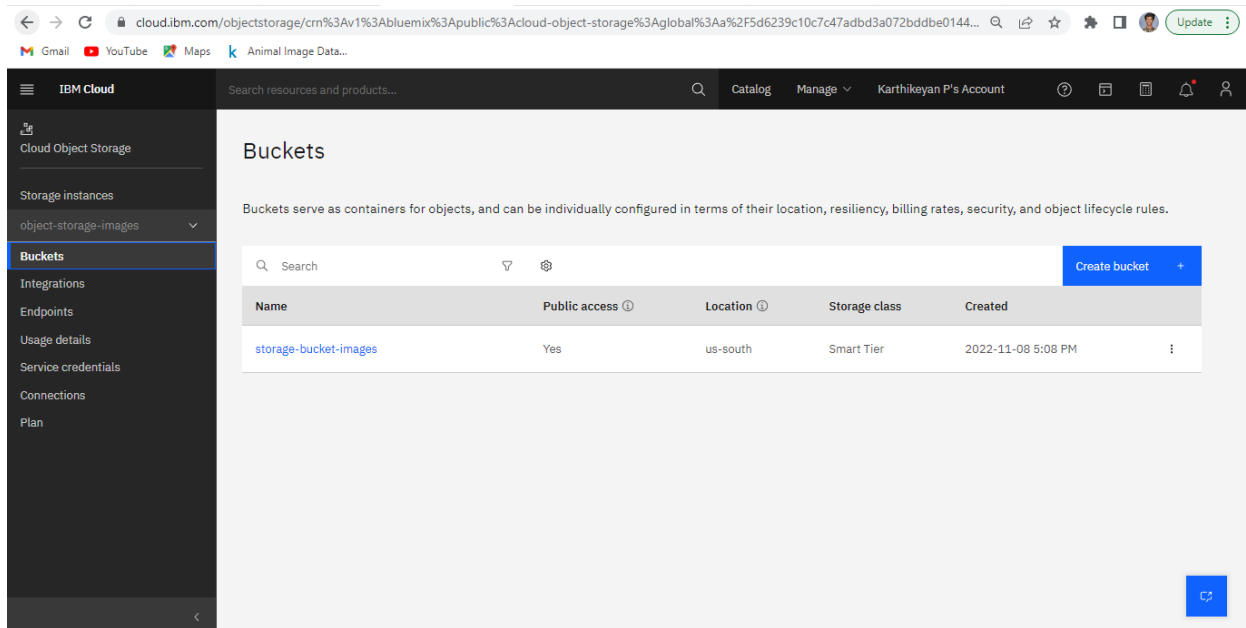
Assignment -3

IBM Object Storage and IBM Watson Assistant

Assignment Date	07 November 2022
Student Name	Roopak S
Student Roll Number	412519104112
Maximum Marks	2 Marks

Question-1:

Create a Bucket in IBM object storage.

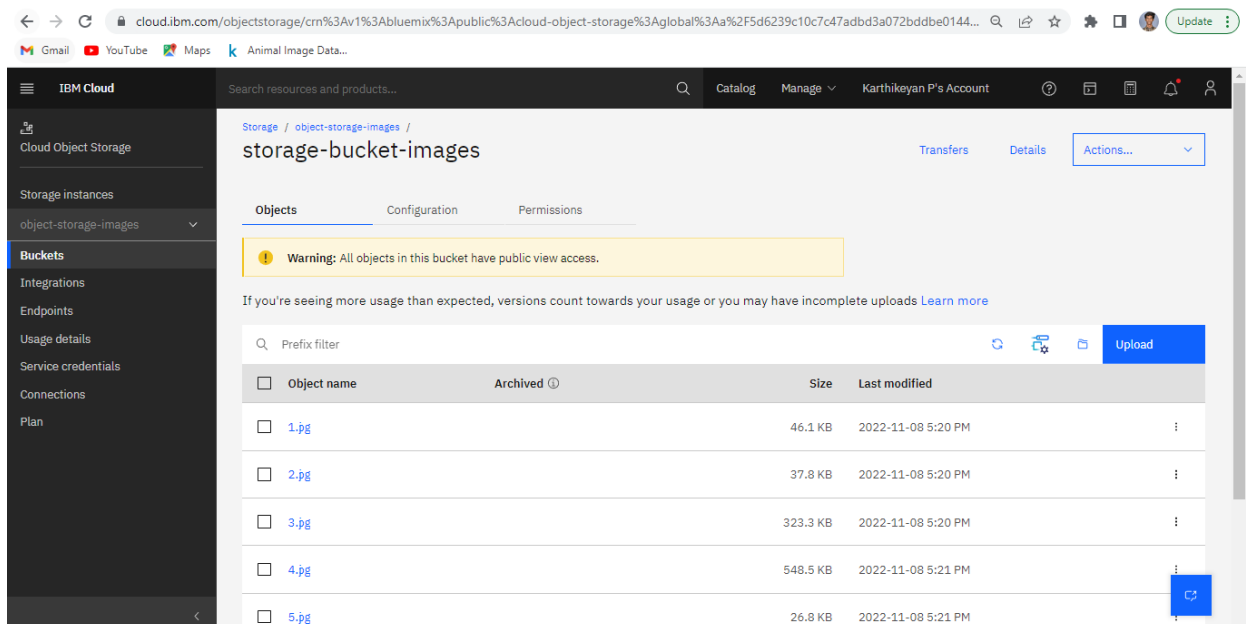


The screenshot shows the IBM Cloud Object Storage interface. The left sidebar contains navigation links for Cloud Object Storage, Storage instances, object-storage-images, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area is titled 'Buckets' and includes a search bar and a 'Create bucket' button. A table lists the existing bucket 'storage-bucket-images' with the following details:

Name	Public access	Location	Storage class	Created
storage-bucket-images	Yes	us-south	Smart Tier	2022-11-08 5:08 PM

Question-2:

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



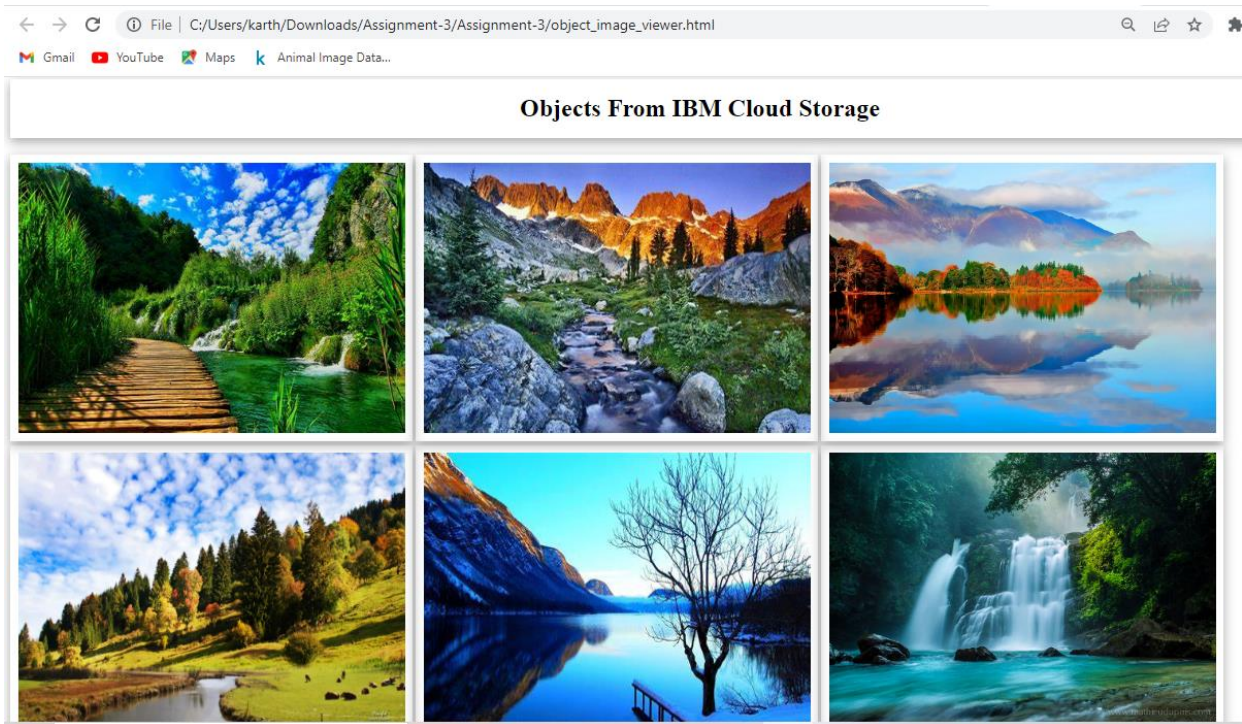
The screenshot shows the IBM Cloud Object Storage interface for the 'storage-bucket-images' bucket. The left sidebar is the same as in the previous screenshot. The main content area is titled 'storage-bucket-images' and includes tabs for Objects, Configuration, and Permissions. A warning message states: 'Warning: All objects in this bucket have public view access.' Below the warning, there is a table listing the objects in the bucket:

Object name	Archived	Size	Last modified
1.png		46.1 KB	2022-11-08 5:20 PM
2.png		37.8 KB	2022-11-08 5:20 PM
3.png		323.3 KB	2022-11-08 5:20 PM
4.png		548.5 KB	2022-11-08 5:21 PM
5.png		26.8 KB	2022-11-08 5:21 PM

Object image viewer.html:

```
<!DOCTYPE html>
<head>
  <title>
    Object Storage Assignment
  </title>
  <link rel="stylesheet" href="https://object-storage-assignment-
3.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">
</head>
<body>
  <div class="container">
    <h1 id="heading">Objects From IBM Cloud Storage</h1>
  </div>
  <div class="container">
    
    
    
    
    
    
  </div>
</body>
</html>
```

Output:



Question-3:

Upload a css file to the object storage and use the same css using external link in your HTML page.

Solution:

Object image viewer.html:

```
<!DOCTYPE html>
<head>
  <title>
    Object Storage Assignment
  </title>
  <link rel="stylesheet" href="https://object-storage-assignment-3.s3.jp-
tok.cloud-object-storage.appdomain.cloud/style.css">
</head>
<body>
  <div class="container">
    <h1 id="heading">Objects From IBM Cloud Storage</h1>
  </div>
  <div class="container">
    
    
    
    
    
    
    </div>
</body>
</html>

```

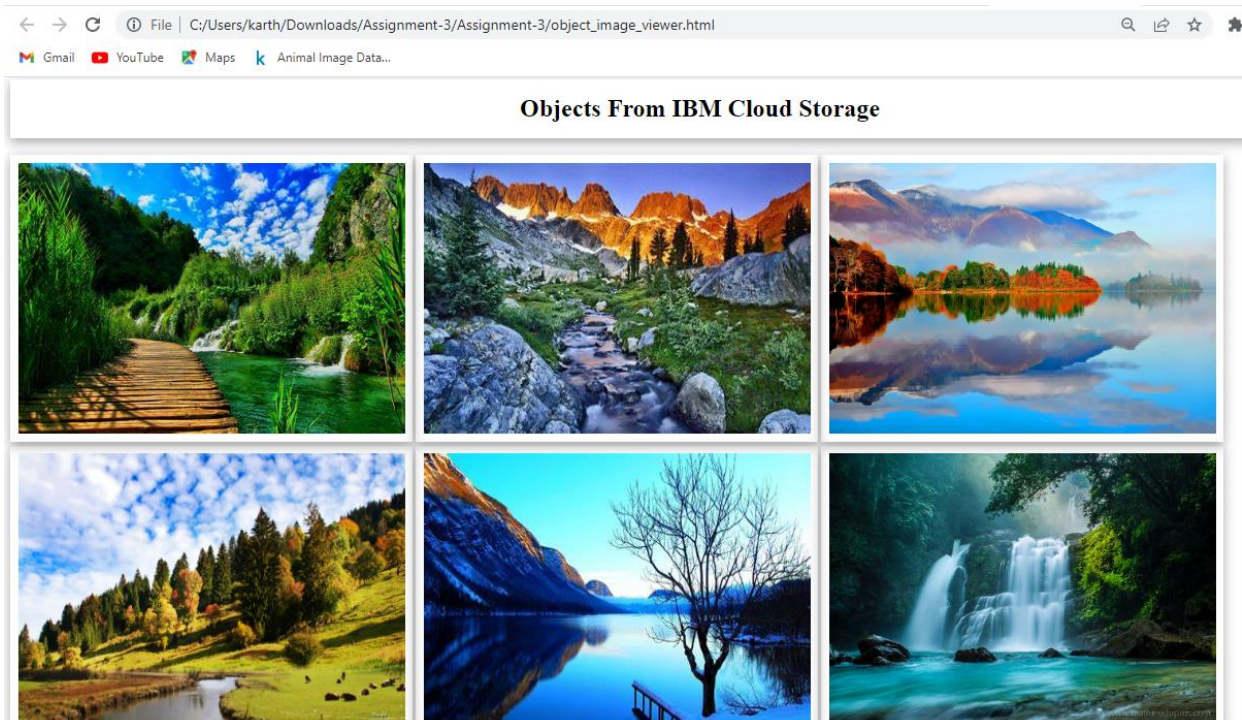
Style.css:

```

h1 {
    text-align: center;
    box-shadow: rgba(0, 0, 0, 0.35) 0px 5px 15px;
    padding: 20px 20px 20px 20px;
}
#heading{
    text-align: center;
    box-shadow: rgba(0, 0, 0, 0.35) 0px 5px 15px;
    padding: 20px 20px 20px 20px}
#Object_1, #Object_2, #Object_3, #Object_4, #Object_5,
#Object_6{ box-shadow: rgba(0, 0, 0, 0.35) 0px 5px 15px;
padding: 10px 10px 10px 10px;
width:"500";
height:"350"
}

```

Output:



Question-4:

Design a chatbot using IBM Watson assistant for hospital.

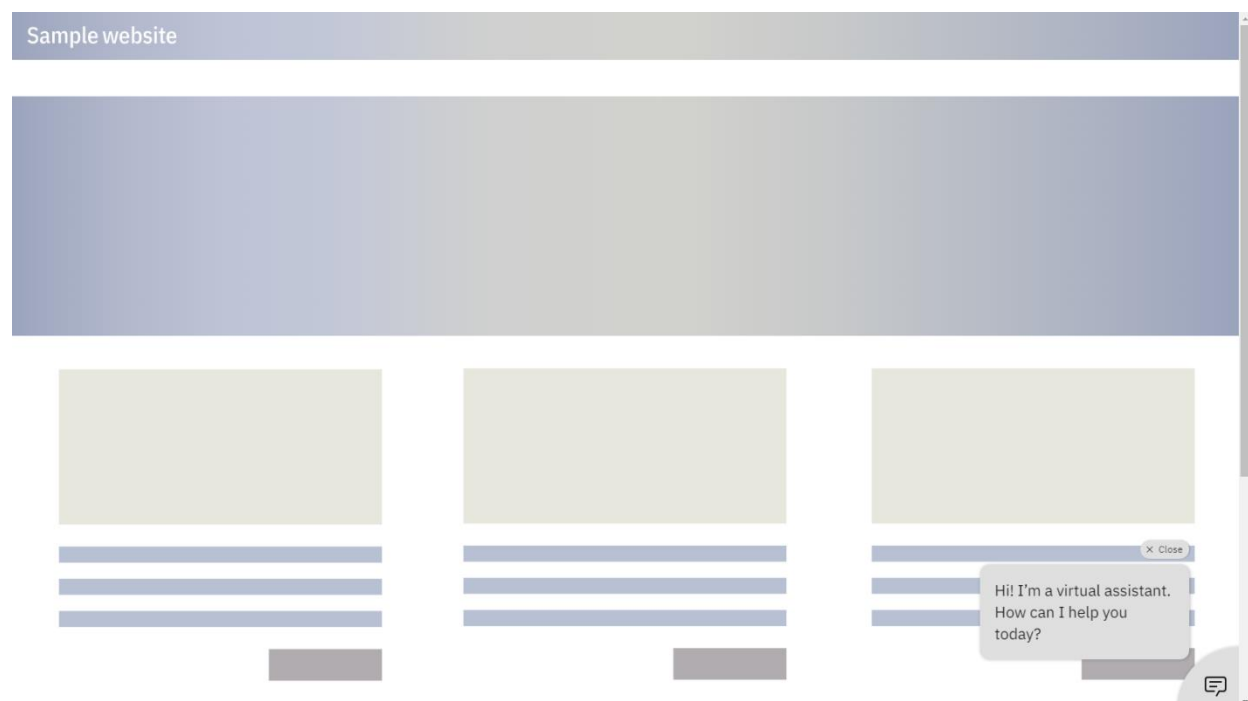
Ex: User comes with query to know the branches for that hospital in your city. Submit the web URL of that chat bot as a assignment.

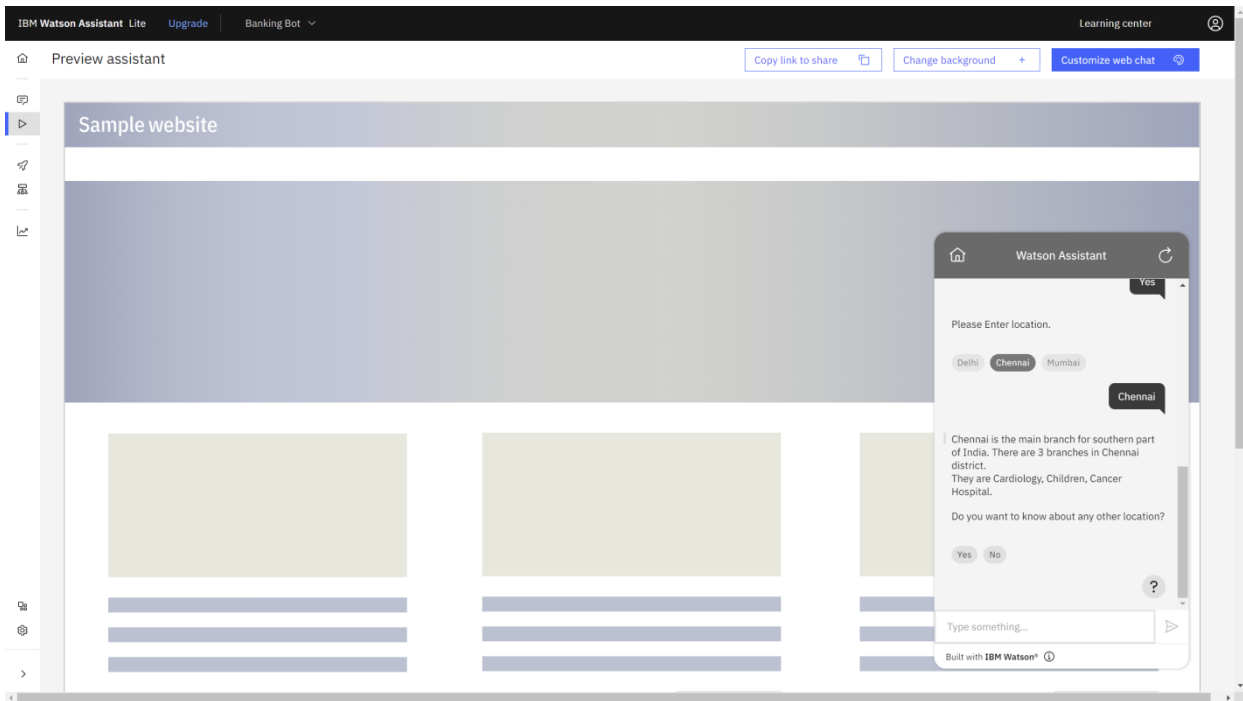
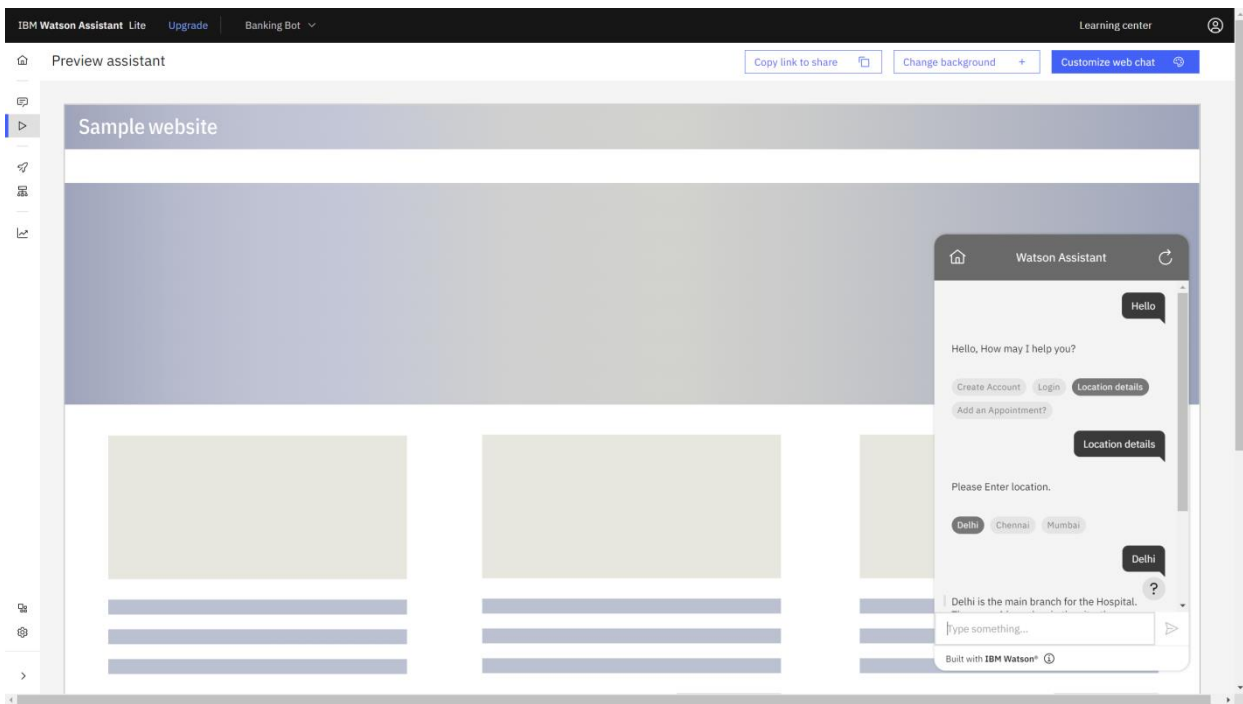
Solution:

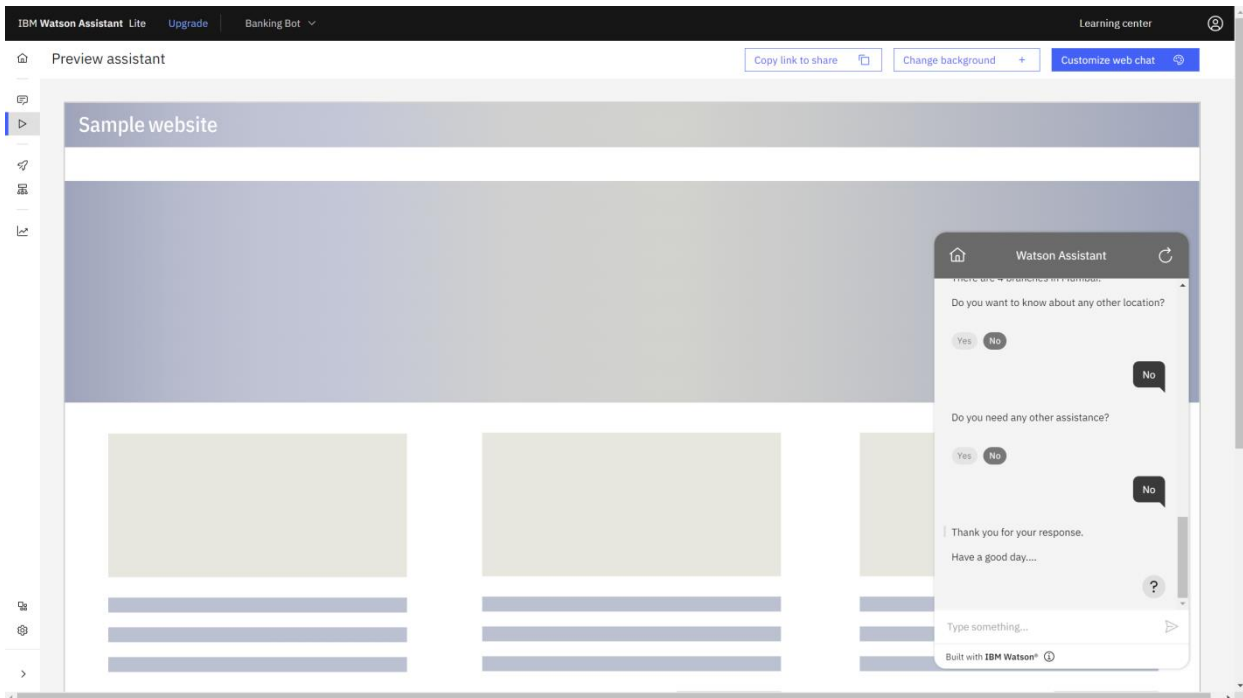
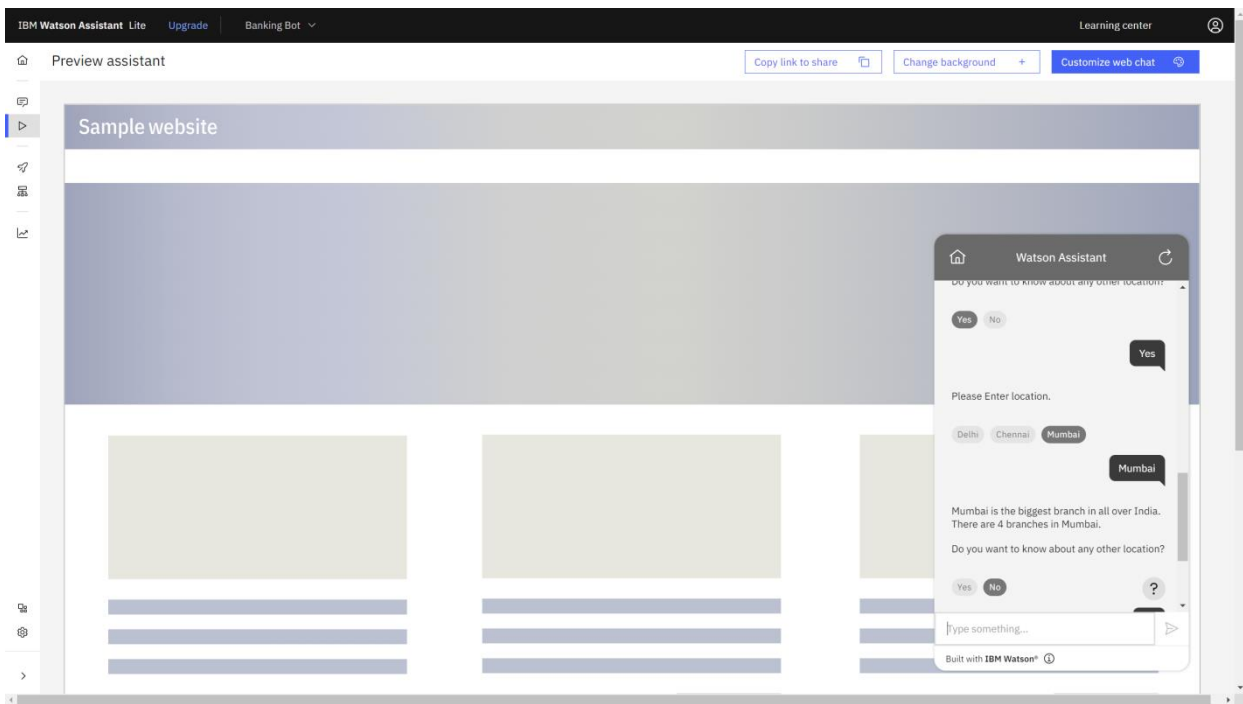
[Link to Watson assistant Chatbot:](https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-561acd5a-e866-4ae1-8b04-999c9b3d1b84%3A%3Aa62135a5-8551-411e-85c9-84a6504e0b6a&integrationID=c77b20af-997e-46f8-98a1-8ddc72507dc5®ion=au-syd&serviceInstanceID=561acd5a-e866-4ae1-8b04-999c9b3d1b84)

<https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-561acd5a-e866-4ae1-8b04-999c9b3d1b84%3A%3Aa62135a5-8551-411e-85c9-84a6504e0b6a&integrationID=c77b20af-997e-46f8-98a1-8ddc72507dc5®ion=au-syd&serviceInstanceID=561acd5a-e866-4ae1-8b04-999c9b3d1b84>

Output:







Question-5:

Create Watson assistant service with 10 steps and use 3 conditions in it.

Load that script in HTML page.

Solution:

Link to Watson assistant Chatbot:

<https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-561acd5a-e866-4ae1-8b04-999c9b3d1b84%3A%3Aa62135a5-8551-411e-85c9-84a6504e0b6a&integrationID=c77b20af-997e-46f8-98a1-8ddc72507dc5®ion=au-syd&serviceInstanceID=561acd5a-e866-4ae1-8b04-999c9b3d1b84>

Object_image_viewer.html:

```
<!DOCTYPE html>
```

```
<head>
```

```
<title>
```

```
    Object Storage Assignment
```

```
</title>
```

```
<link rel="stylesheet" href="https://object-storage-assignment-3.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h1 id="heading">Objects From IBM Cloud Storage</h1>
```

```
</div>
```

```
<div class="container">
```

```

```

```

```

```

```

```

```

```

```

```
<img src="https://storage-bucket-images.s3.us-south.cloud-object-
```



```
storage.appdomain.cloud/6.jpg" id="Object_6" alt="Object_5" width="500" height="350">
```

```
</div>
```

```
<script>
```

```
    window.watsonAssistantChatOptions = {
```

```
        integrationID: "ffe64836-ab7e-4a5d-bebb-c35a76a5bc3a", // The ID of this integration.
```

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

```
        serviceInstanceID: "561acd5a-e866-4ae1-8b04-999c9b3d1b84", // 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);
```

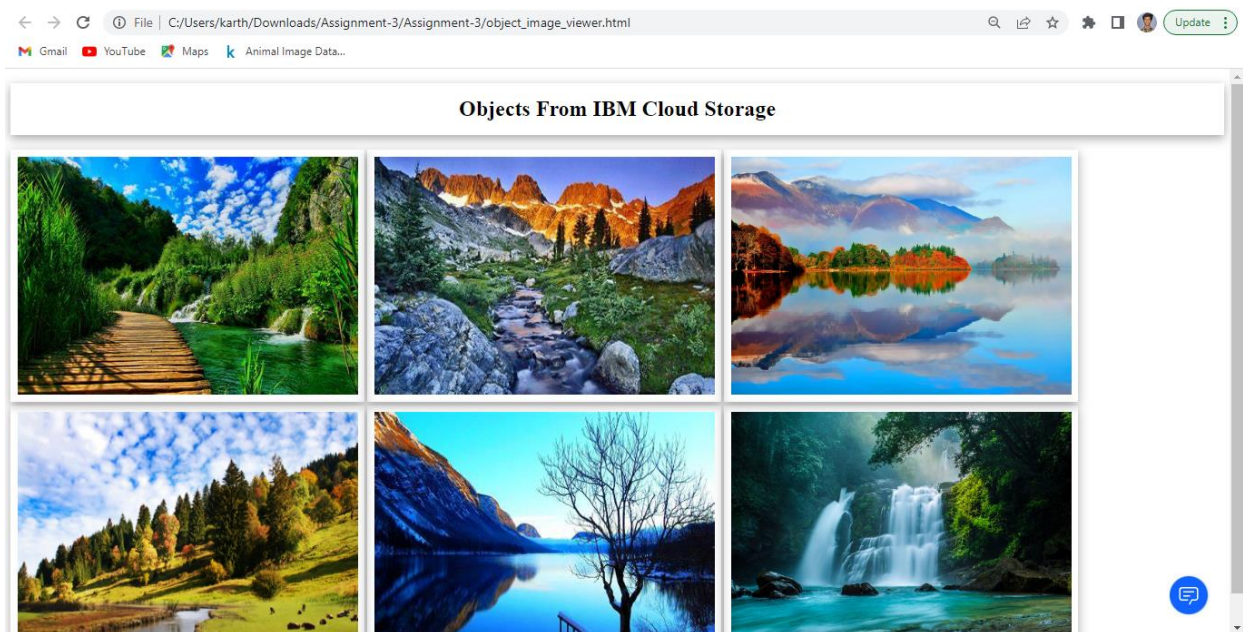
```
    });
```

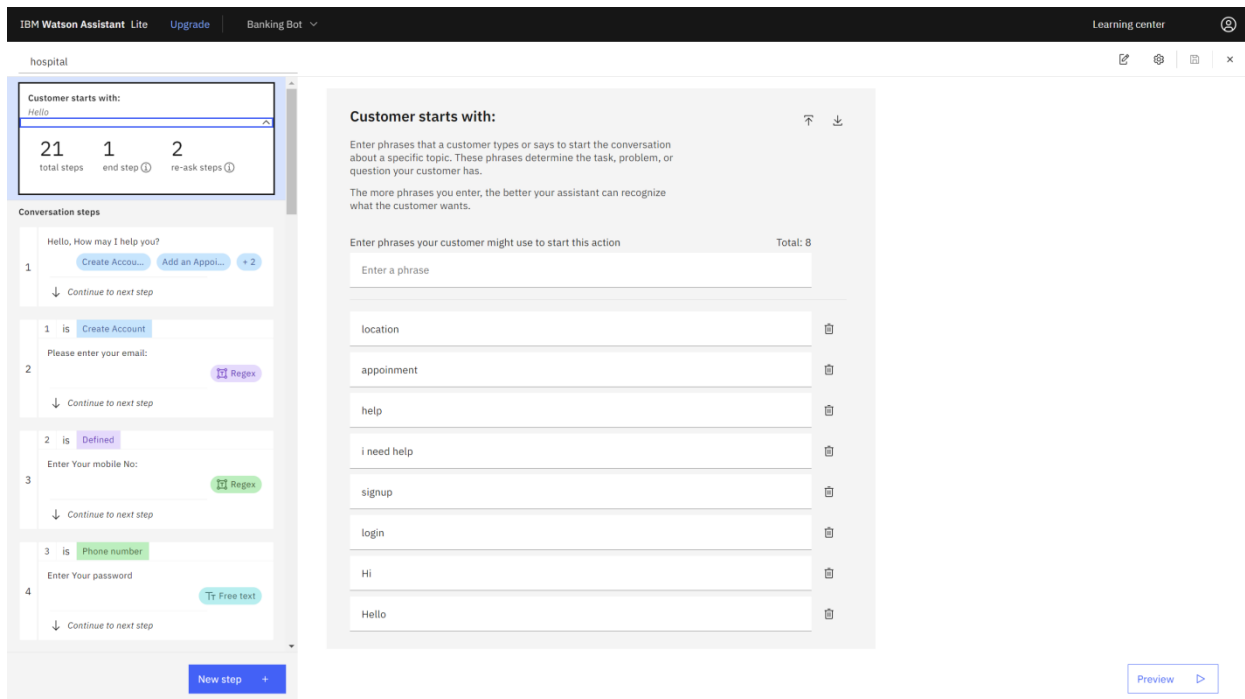
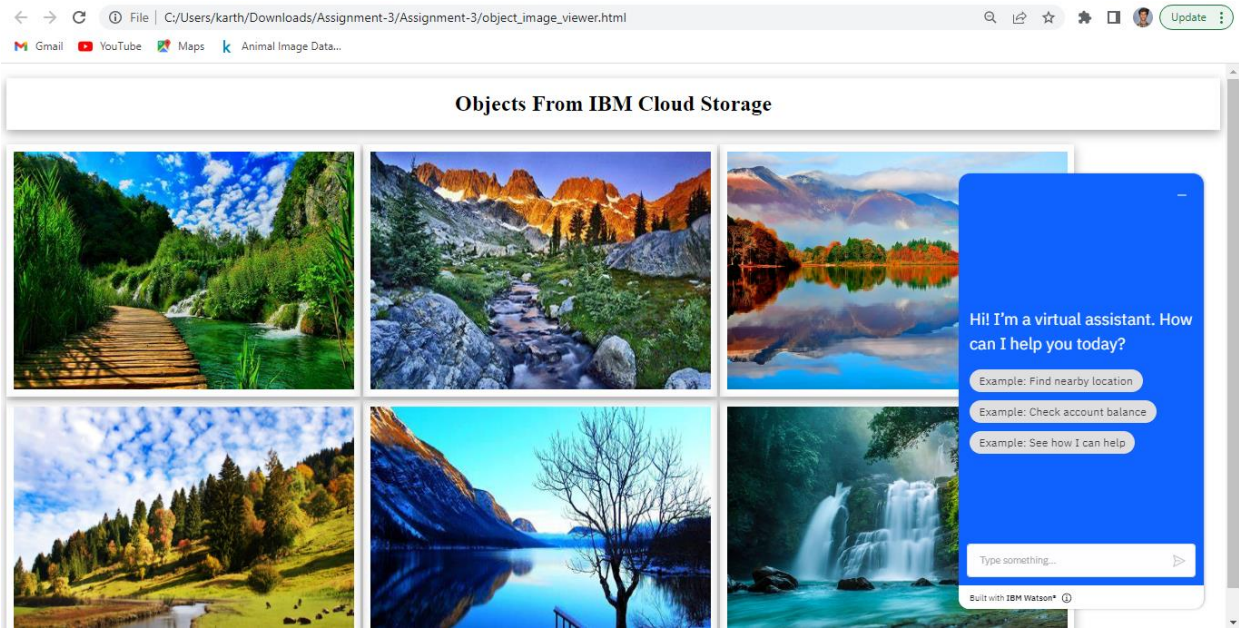
```
</script>
```

```
</body>
```

```
</html>
```

Output:





There are total 21 steps and multiple conditions used in this Chatbot.