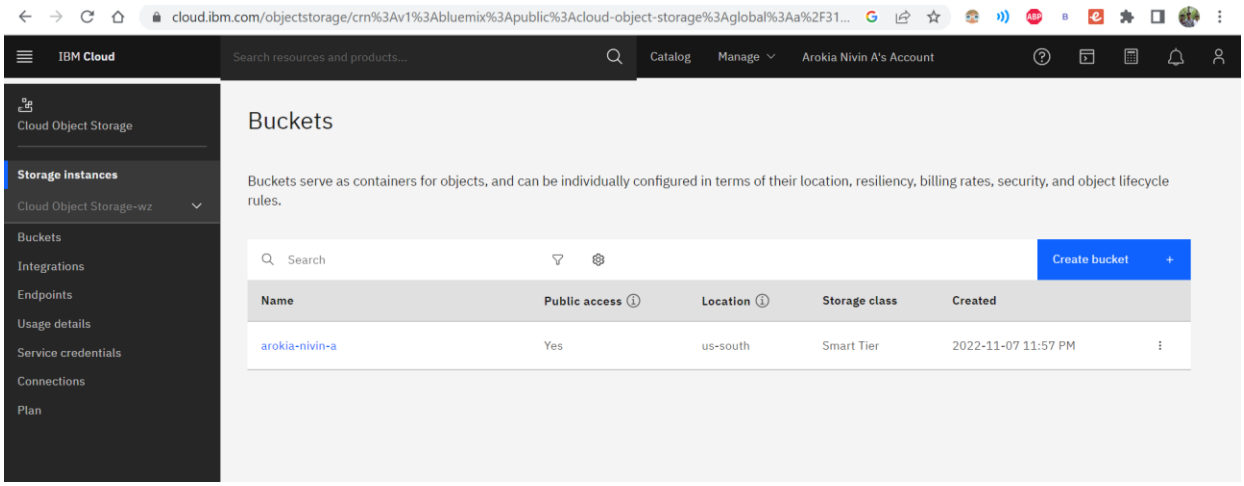
Assignment -3
IBM Object Storage and IBM Watson Assistant

Assignment Date	07 November 2022
Student Name	Arokia Nivin A
Student Roll Number	412519104010
Maximum Marks	2 Marks

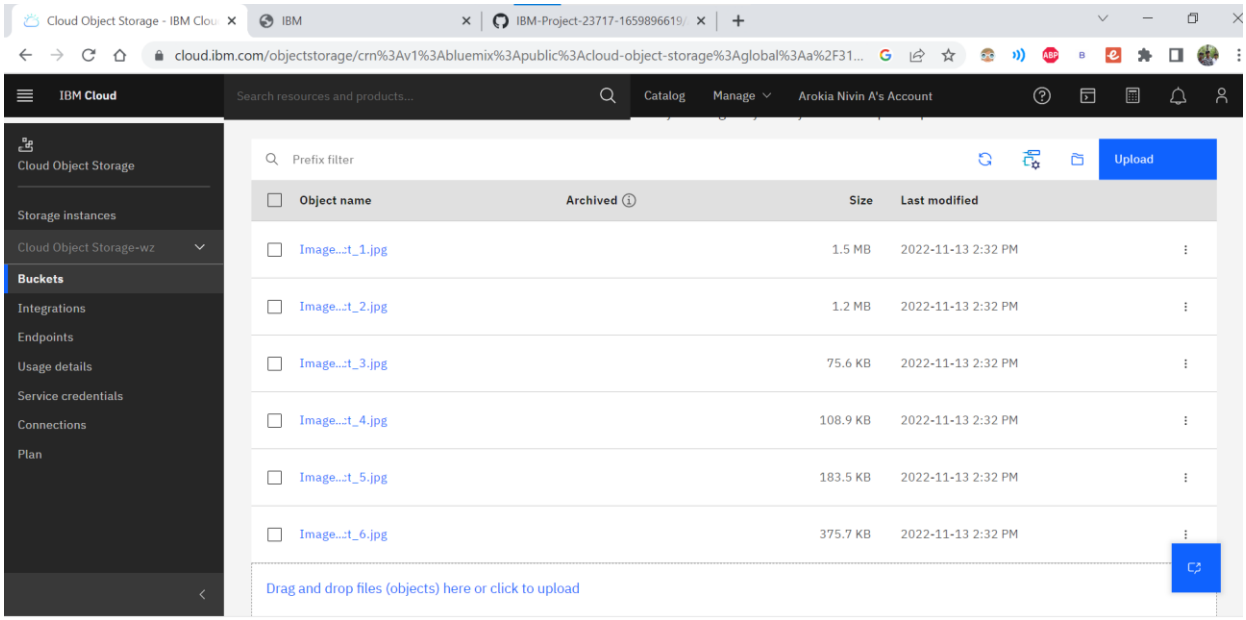
Question-1:

Create a Bucket in IBM object storage.



Question-2:

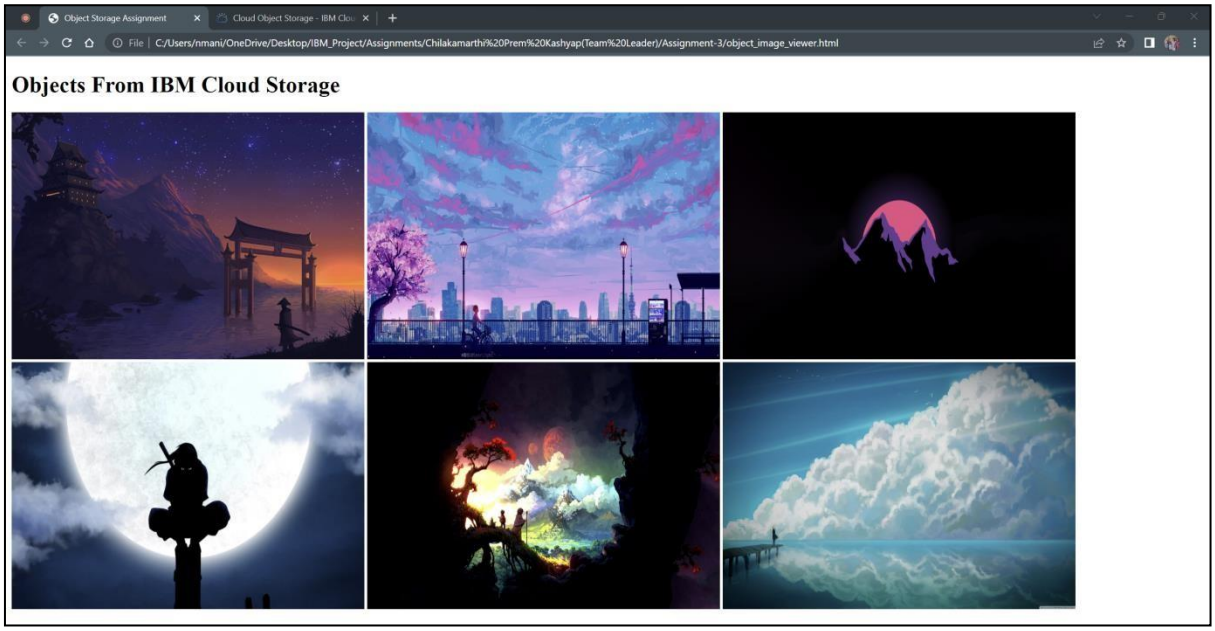
Upload 5 images to IBM object storage and make it public. Write html code to displaying all the 5 images.



Object_image_viewer.html:

```
<!DOCTYPE html>
    <head>
        <title>
            Object Storage Assignment
        </title>
    </head>
    <body>
        <div class="container">
            <h1 id="heading">Objects From IBM Cloud Storage</h1>
        </div>
        <div class="container">
        <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
        storage.appdomain.cloud/Image_object_1.jpg" id="Object_1"
        alt="Object_1" width="500" height="350">
        <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
        storage.appdomain.cloud/Image_object_2.jpg" id="Object_2"
        alt="Object_2" width="500" height="350">
        <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
        storage.appdomain.cloud/Image_object_3.jpg" id="Object_3"
        alt="Object_3" width="500" height="350">
        <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
        storage.appdomain.cloud/Image_object_4.jpg" id="Object_4"
        alt="Object_4" width="500" height="350">
        <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
        storage.appdomain.cloud/Image_object_5.jpg" id="Object_5"
        alt="Object_5" width="500" height="350">
        <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
        storage.appdomain.cloud/Image_object_6.jpg" id="Object_6"
        alt="Object_5" width="500" height="350">
        </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:

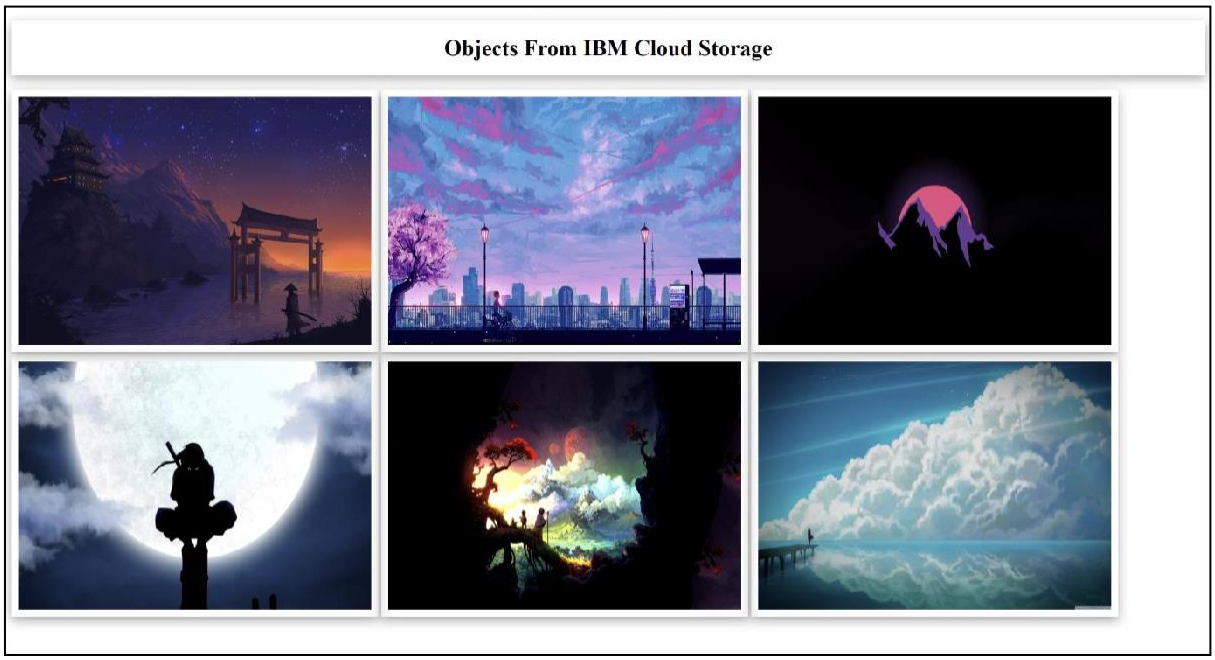
```
<!DOCTYPE html>
    <head>
        <title>
            Object Storage Assignment
        </title>
        <link rel="stylesheet" href="https://object-storage-assignment-3.s3.jp-
tok.cloud-object-storage.appdomain.cloud/style.css">
    </head>
    <body>
        <div class="container">
            <h1 id="heading">Objects From IBM Cloud Storage</h1>
        </div>
        <div class="container">
                        <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
            storage.appdomain.cloud/Image_object_1.jpg" id="Object_1"
            alt="Object_1" width="500" height="350">
            <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
            storage.appdomain.cloud/Image_object_2.jpg" id="Object_2"
            alt="Object_2" width="500" height="350">
            <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
            storage.appdomain.cloud/Image_object_3.jpg" id="Object_3"
            alt="Object_3" width="500" height="350">
            <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
            storage.appdomain.cloud/Image_object_4.jpg" id="Object_4"
            alt="Object_4" width="500" height="350">
            <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
            storage.appdomain.cloud/Image_object_5.jpg" id="Object_5"
            alt="Object_5" width="500" height="350">
            <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
            storage.appdomain.cloud/Image_object_6.jpg" id="Object_6"
```

```
            alt="Object_5" width="500" height="350">

        </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.

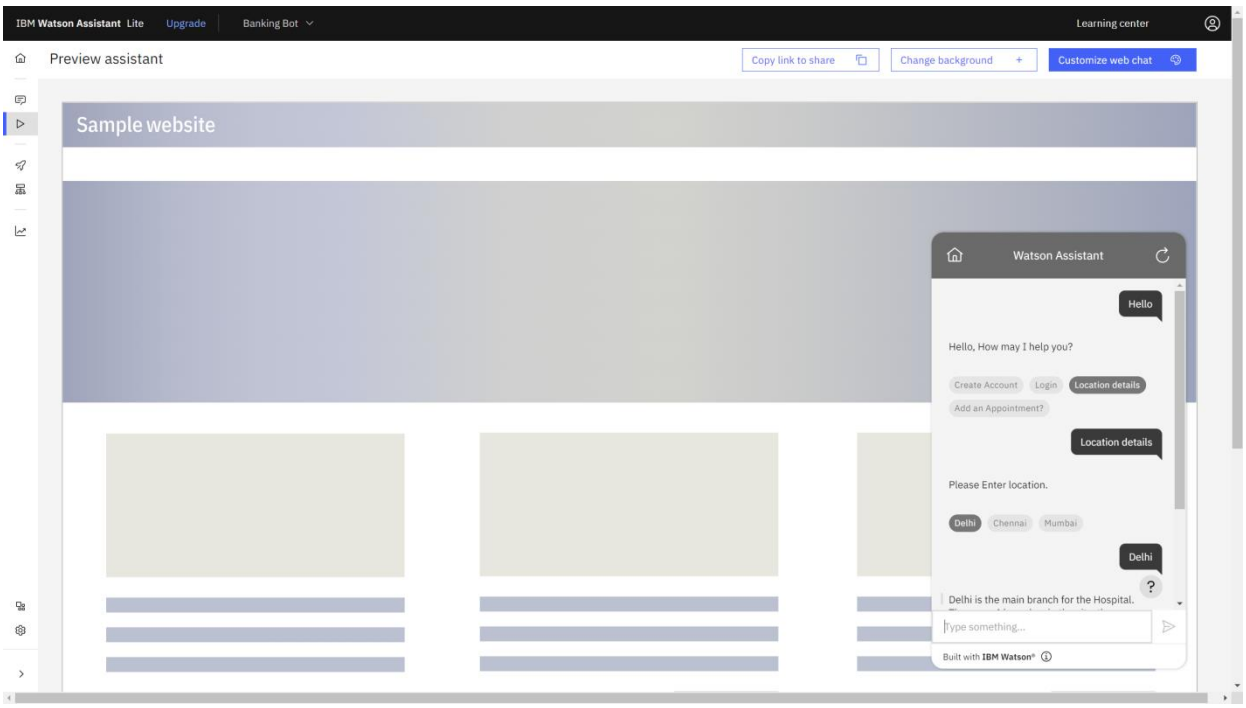
Ex: User comes with query to know the branches for that hospital in your city. Submit the web URL of that chat bot as a assignment.

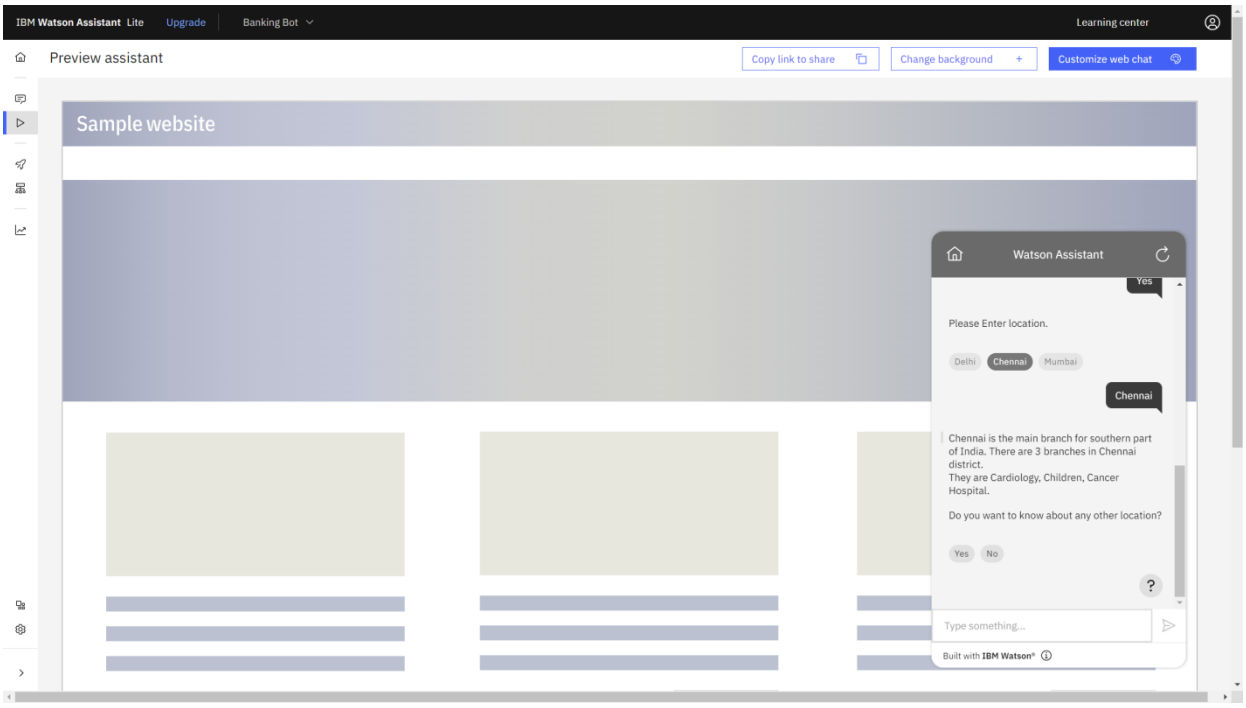
Solution:

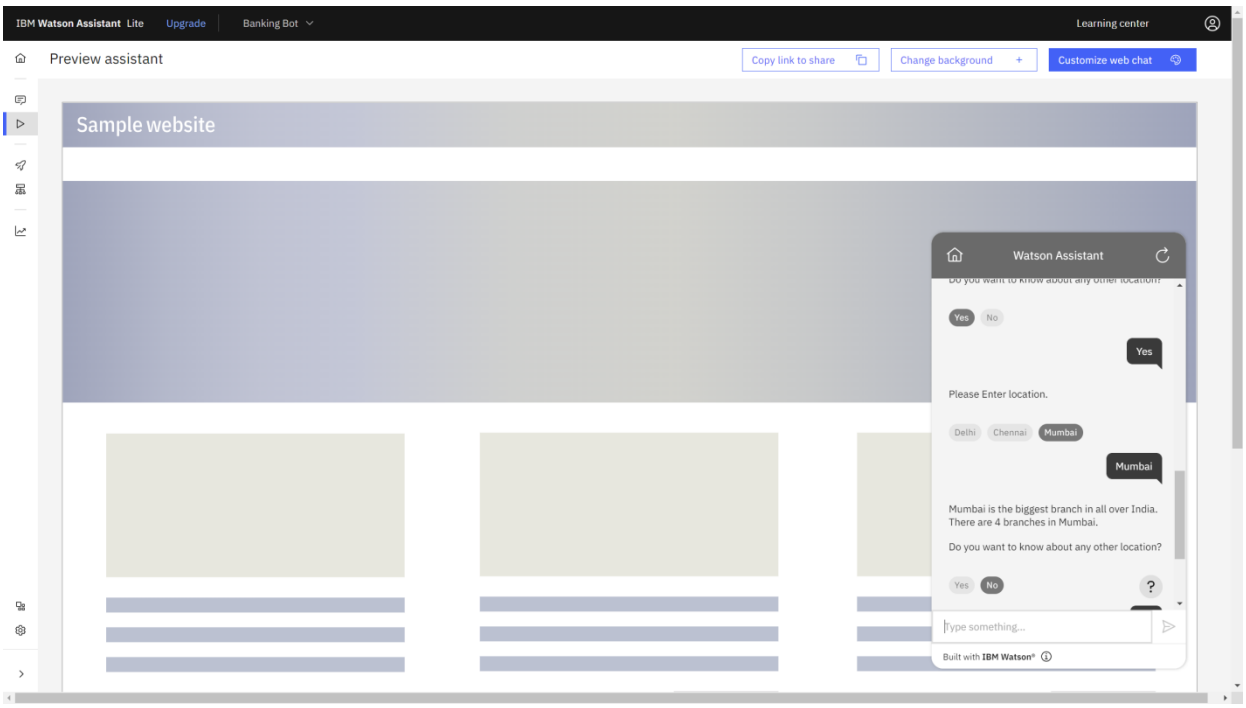
Link to Watson assistant Chatbot:

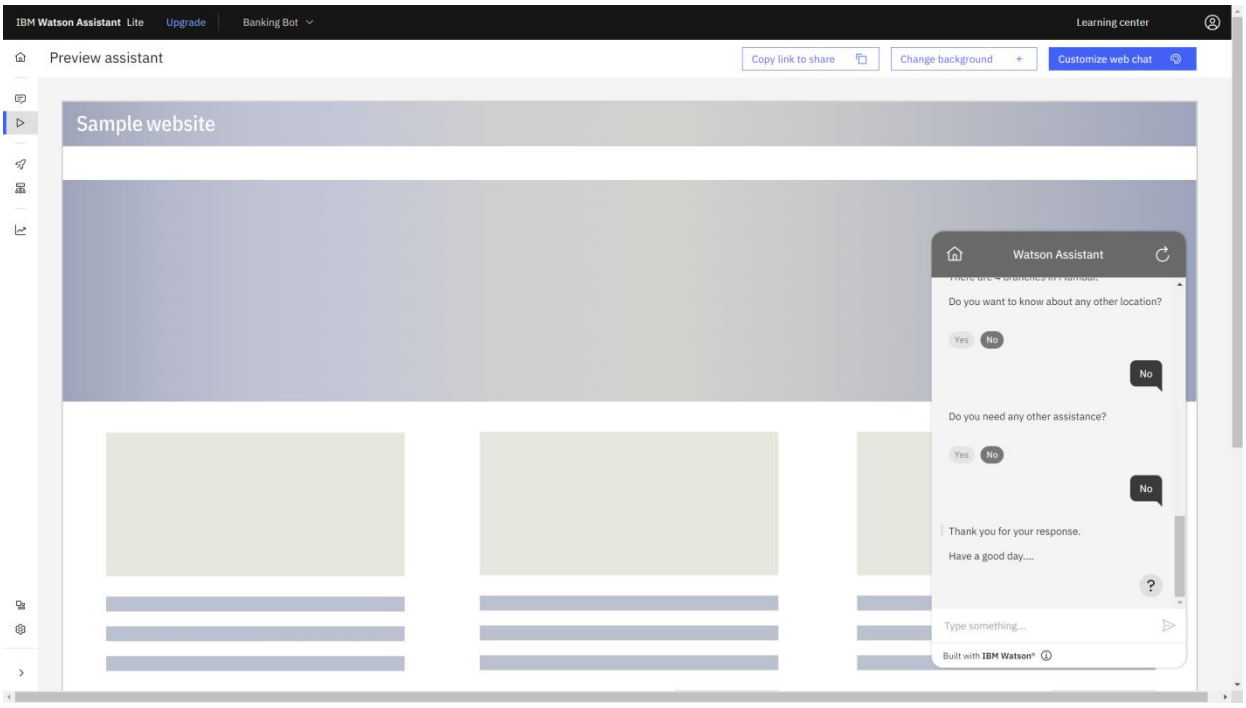
https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-561acd5a-e866-4ae1-8b04-999c9b3d1b84%3A%3Aa62135a5-8551-411e-85c9-84a6504e0b6a&integrationID=c77b20af-997e-46f8-98a1-8ddc72507dc5&region=au-syd&serviceInstanceID=561acd5a-e866-4ae1-8b04-999c9b3d1b84

Output:


IBM Watson Assistant Lite
Upgrade
Banking Bot
Learning center
Preview assistant
Copy link to share
Change background
Customize web chat
Sample website
Watson Assistant
Hello
Hello, How may I help you?
Create Account
Login
Location details
Add an Appointment?
Location details
Please Enter location.
Delhi
Chennai
Mumbai
Delhi
Delhi is the main branch for the Hospital.
Type something...
Built with IBM Watson®


IBM Watson Assistant Lite
Upgrade
Banking Bot
Learning center
Preview assistant
Copy link to share
Change background
Customize web chat
Sample website
Watson Assistant
Yes
Please Enter location.
Delhi
Chennai
Mumbai
Chennai
Chennai is the main branch for southern part of India. There are 3 branches in Chennai district.
They are Cardiology, Children, Cancer Hospital.
Do you want to know about any other location?
Yes
No
Type something...
Built with IBM Watson®


IBM Watson Assistant Lite
Upgrade
Banking Bot
Learning center
Preview assistant
Copy link to share
Change background
Customize web chat
Sample website
Watson Assistant
Yes
No
Yes
Please Enter location.
Delhi
Chennai
Mumbai
Mumbai
Mumbai is the biggest branch in all over India.
There are 4 branches in Mumbai.
Do you want to know about any other location?
Yes
No
Type something...
Built with IBM Watson®


IBM Watson Assistant Lite
Upgrade
Banking Bot
Learning center
Preview assistant
Copy link to share
Change background
Customize web chat
Sample website
Watson Assistant
Do you want to know about any other location?
Yes
No
No
Do you need any other assistance?
Yes
No
No
Thank you for your response.
Have a good day.....
Type something...
Built with IBM Watson®

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:

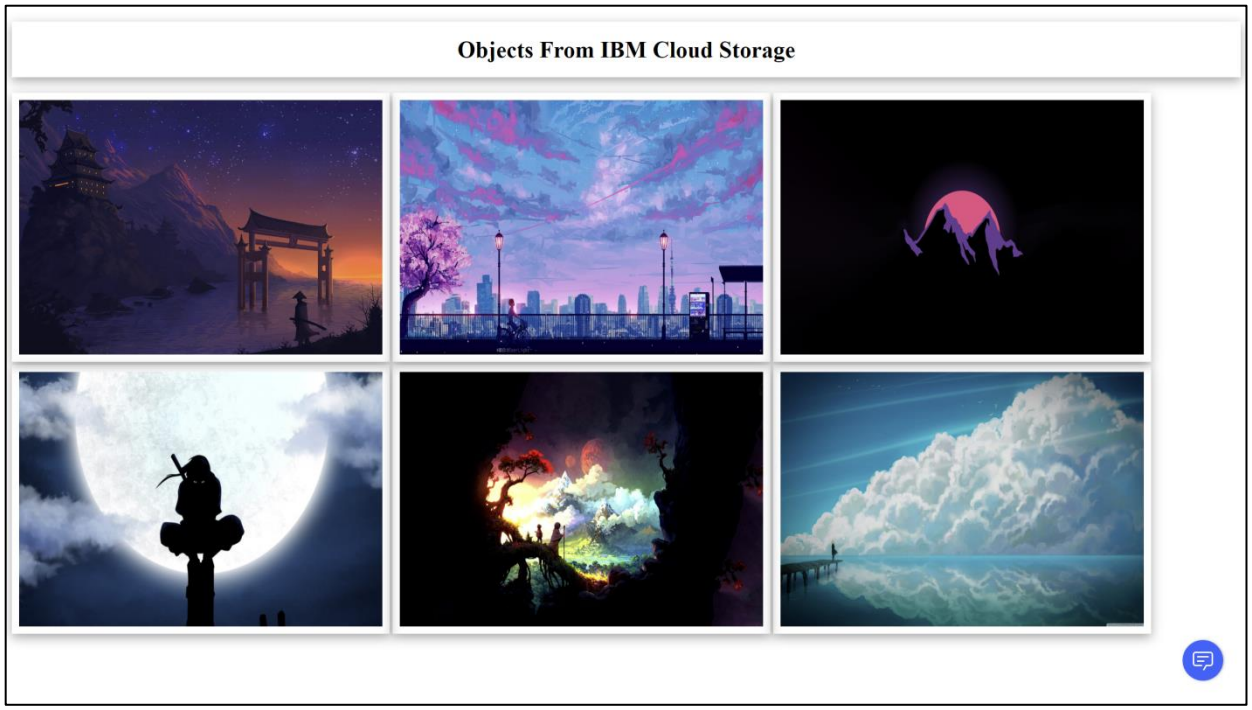
https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-561acd5a-e866-4ae1-8b04-999c9b3d1b84%3A%3Aa62135a5-8551-411e-85c9-84a6504e0b6a&integrationID=c77b20af-997e-46f8-98a1-8ddc72507dc5&region=au-syd&serviceInstanceID=561acd5a-e866-4ae1-8b04-999c9b3d1b84

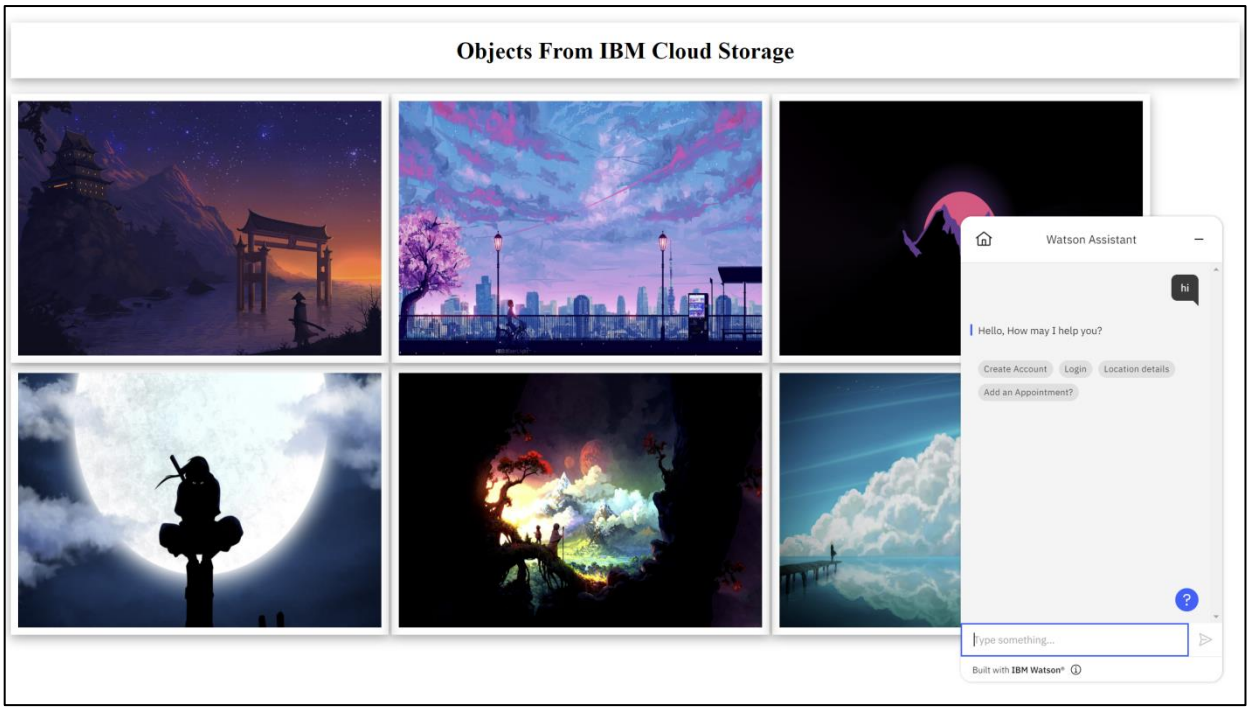
Object_image_viewer.html:

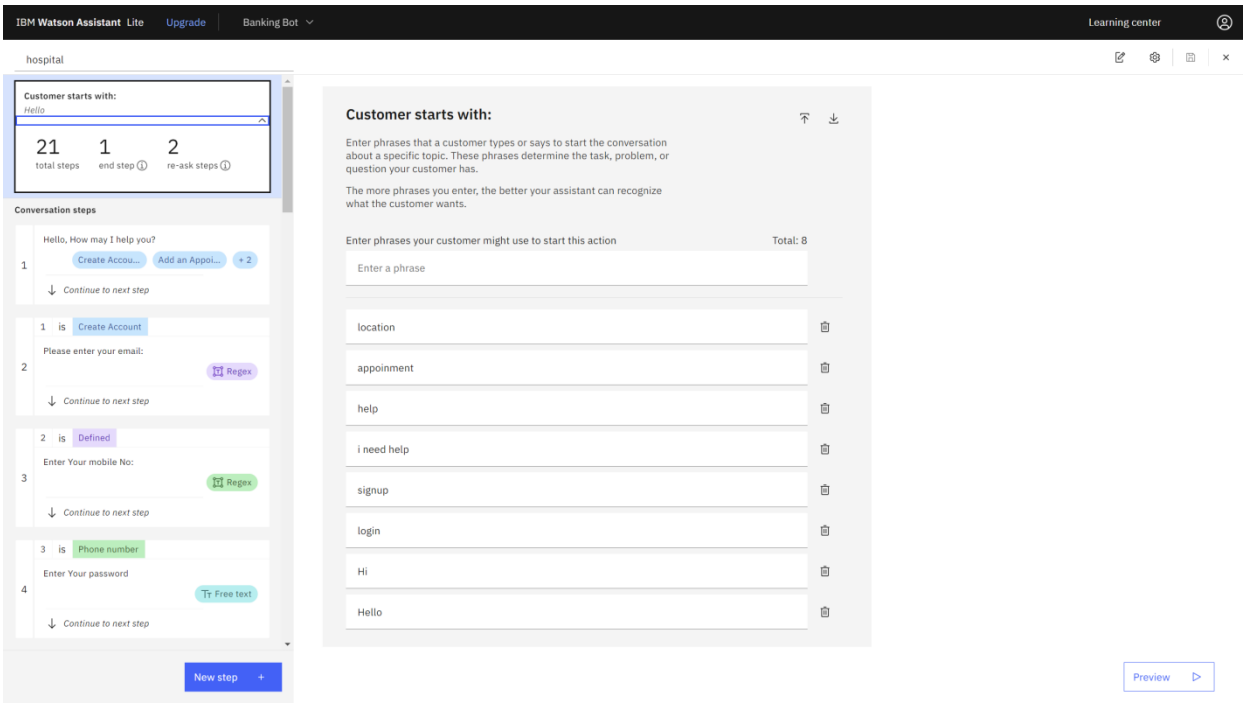
```
<!DOCTYPE html>
    <head>
        <title>
            Object Storage Assignment
        </title>
        <link rel="stylesheet" href="https://object-storage-assignment-3.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">
    </head>
    <body>
        <div class="container">
            <h1 id="heading">Objects From IBM Cloud Storage</h1>
        </div>
        <div class="container">
                <img src="https://arokia-nivin-a.s3.us-south.cloud-object-storage.appdomain.cloud/Image_object_1.jpg" id="Object_1" alt="Object_1" width="500" height="350">
                <img src="https://arokia-nivin-a.s3.us-south.cloud-object-storage.appdomain.cloud/Image_object_2.jpg" id="Object_2" alt="Object_2" width="500" height="350">
                <img src="https://arokia-nivin-a.s3.us-south.cloud-object-storage.appdomain.cloud/Image_object_3.jpg" id="Object_3" alt="Object_3" width="500" height="350">
                <img src="https://arokia-nivin-a.s3.us-south.cloud-object-storage.appdomain.cloud/Image_object_4.jpg" id="Object_4" alt="Object_4" width="500" height="350">
                <img src="https://arokia-nivin-a.s3.us-south.cloud-object-storage.appdomain.cloud/Image_object_5.jpg" id="Object_5" alt="Object_5" width="500" height="350">
                <img src="https://arokia-nivin-a.s3.us-south.cloud-object-
```

```
                storage.appdomain.cloud/Image_object_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.