Assignment -3
IBM Object Storage and IBM Watson Assistant

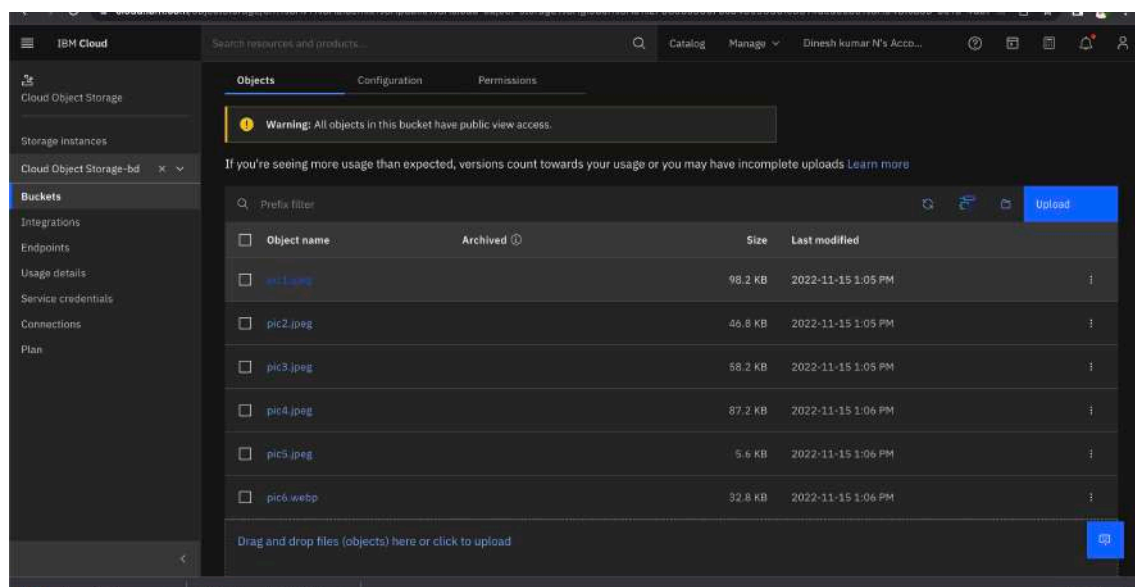| Assignment Date	07 November 2022
Student Name	Dinesh kumar N
Student Roll Number	412519104029
Maximum Marks	2 Marks

Question-1:

Create a Bucket in IBM object storage.
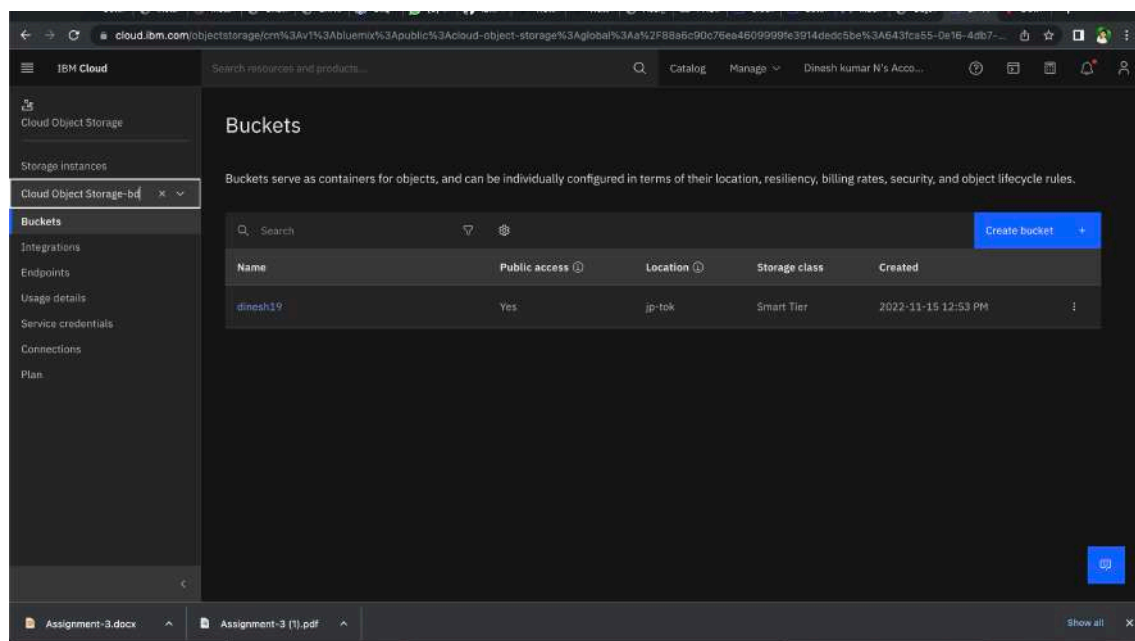
Question-2:

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

Object_image_viewer.html:

```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://dinesh19.s3.jp-tok.cloud-object-storage.appdomain.cloud/pic1.jpeg" id="Object_1" alt="Object_1" width="500" height="350">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-storage.appdomain.cloud/pic2.jpeg" id="Object_2" alt="Object_2" width="500" height="350">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-storage.appdomain.cloud/pic3.jpeg" id="Object_3" alt="Object_3" width="500" height="350">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-storage.appdomain.cloud/pic4.jpeg" id="Object_4" alt="Object_4" width="500" height="350">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-storage.appdomain.cloud/pic5.jpeg" id="Object_5" alt="Object_5" width="500" height="350">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-storage.appdomain.cloud/pic6.webp" id="Object_6" alt="Object_5" width="500" height="350">
        </div>
    </body>
</html>
```
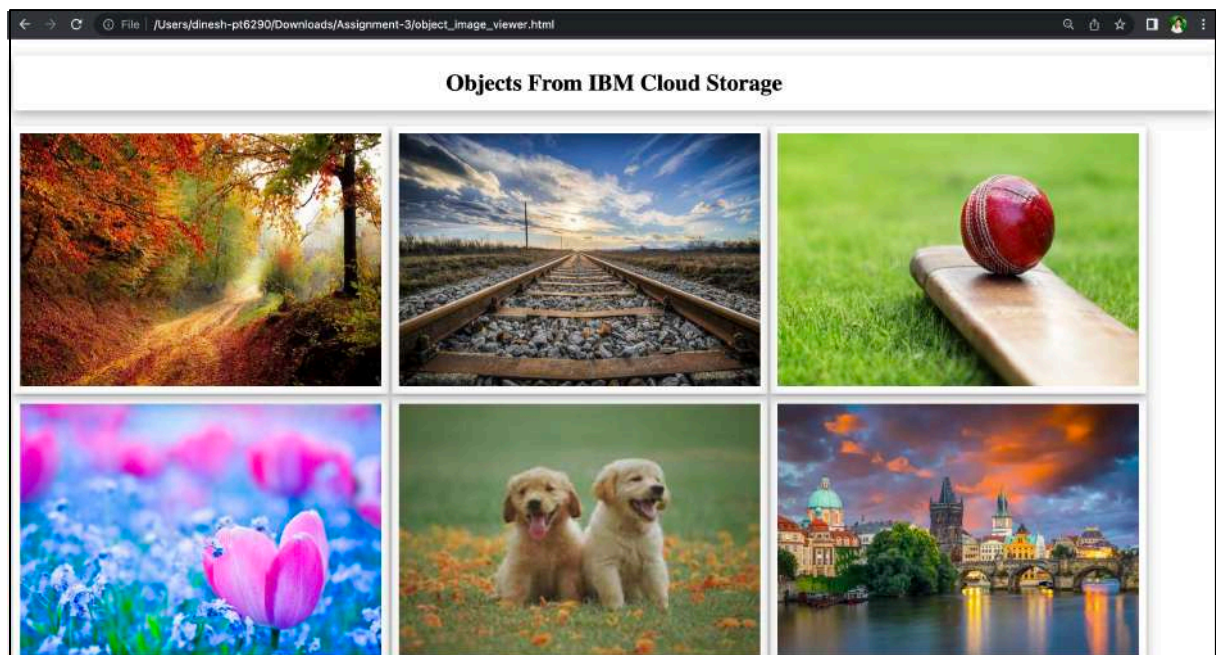
Output:

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:

```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://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic1.jpeg" id="Object_1" alt="Object_1"
width="500" height="350">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic2.jpeg" id="Object_2" alt="Object_2"
width="500" height="350">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic3.jpeg" id="Object_3" alt="Object_3"
width="500" height="350">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic4.jpeg" id="Object_4" alt="Object_4"
width="500" height="350">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic5.jpeg" id="Object_5" alt="Object_5"
width="500" height="350">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic6.webp" id="Object_6" alt="Object_5"
width="500" height="350">
        </div>
```

```
        </body>
    </html>
```

Style.css:

```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.
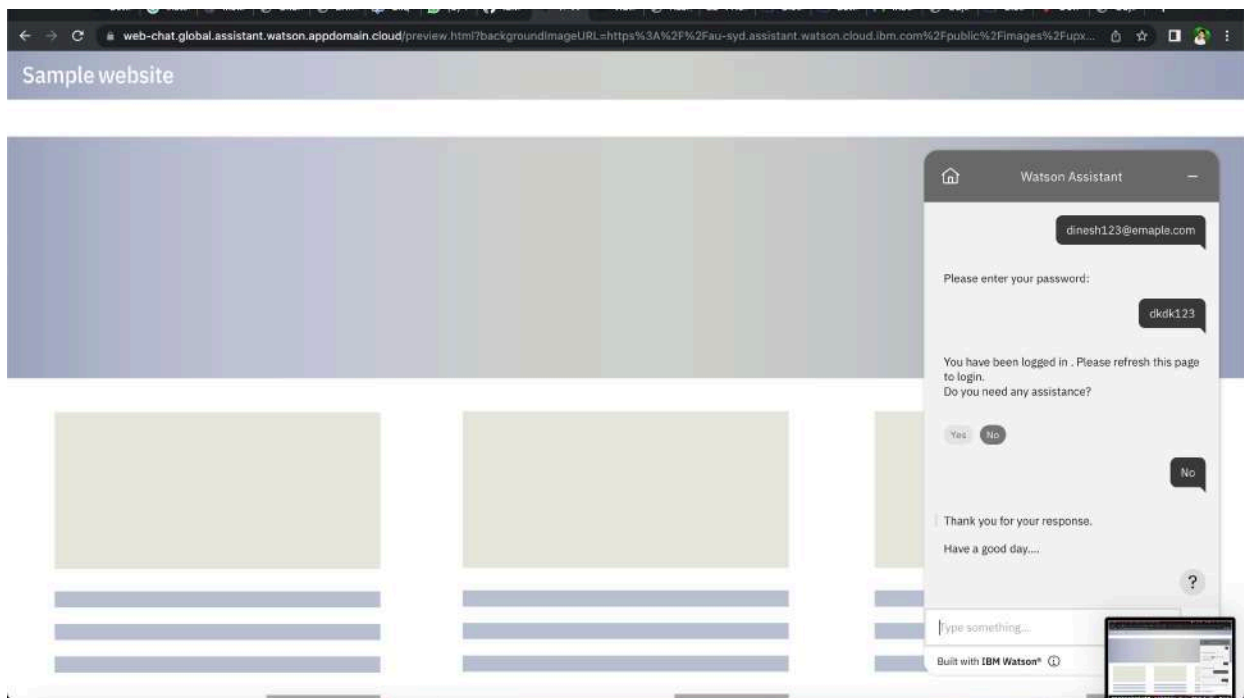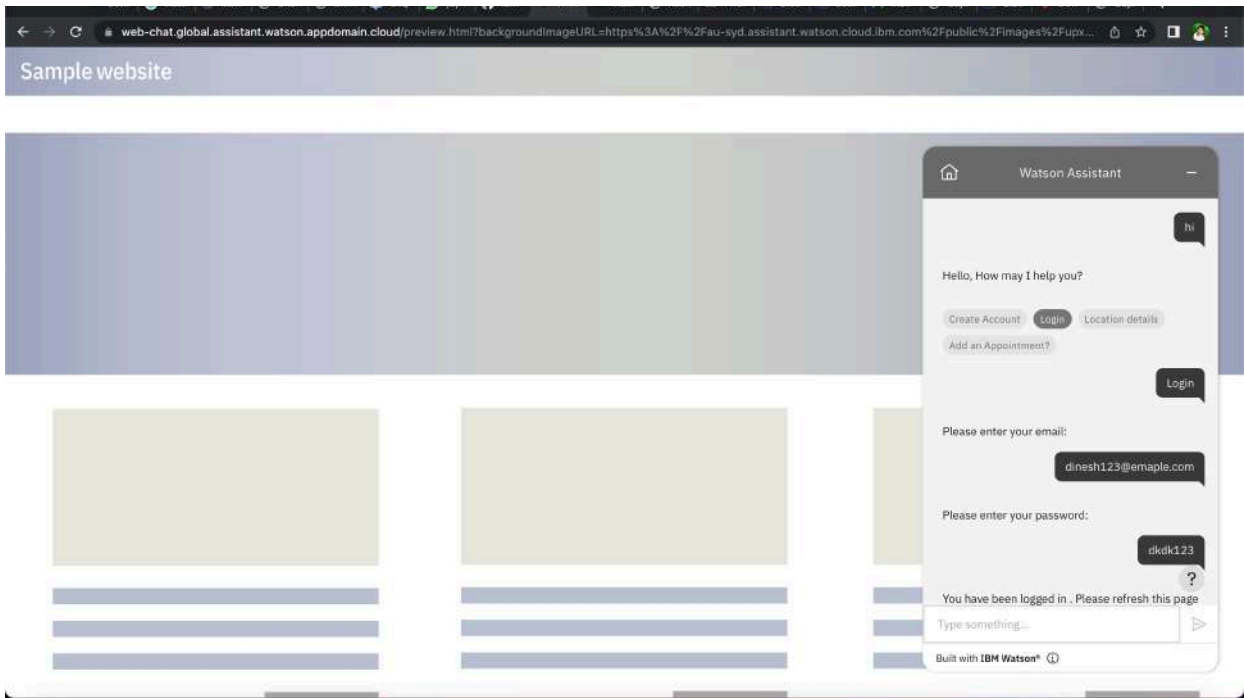
Solution:

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:
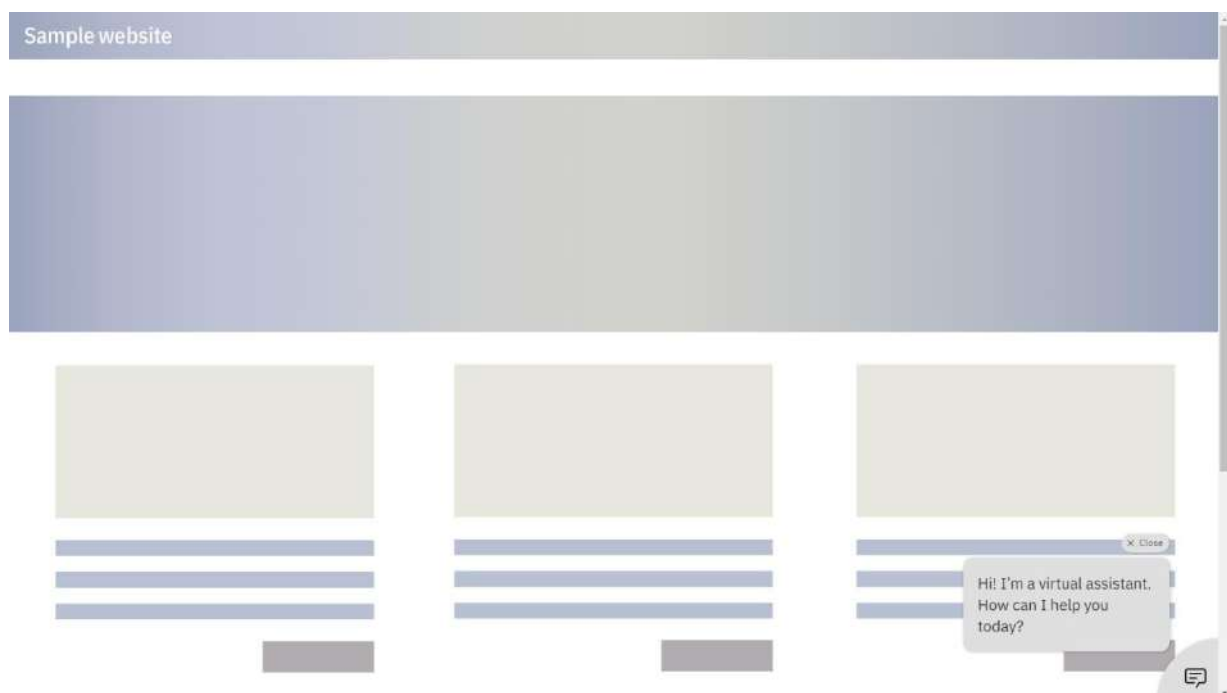
Question-5:

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">

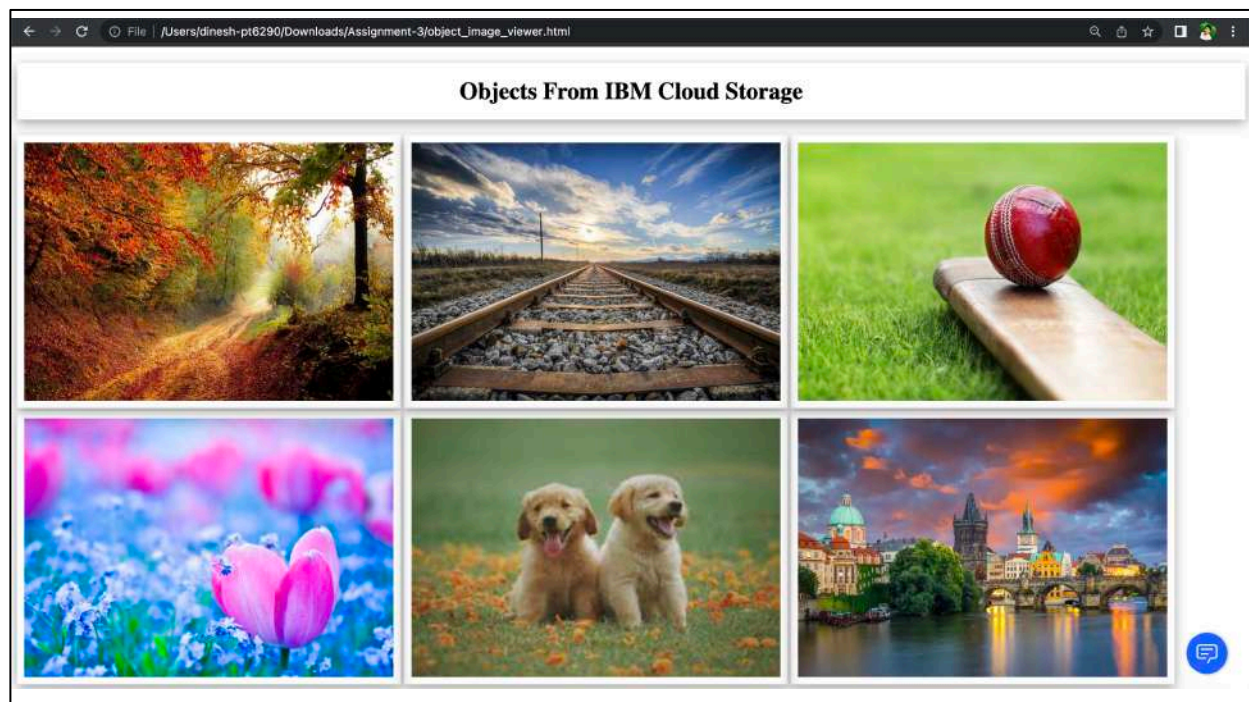   <h1 id="heading">Objects From IBM Cloud Storage</h1>

      </div>

```
        <div class="container">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic1.jpeg" id="Object_1" alt="Object_1"
width="500" height="350">
            <img src="https://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic2.jpeg" id="Object_2" alt="Object_2"
width="500" height="350">
```

```
        <img src="https://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic3.jpeg" id="Object_3" alt="Object_3"
width="500" height="350">
        <img src="https://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic4.jpeg" id="Object_4" alt="Object_4"
width="500" height="350">
        <img src="https://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic5.jpeg" id="Object_5" alt="Object_5"
width="500" height="350">
        <img src="https://dinesh19.s3.jp-tok.cloud-object-
storage.appdomain.cloud/pic6.webp" 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>
```
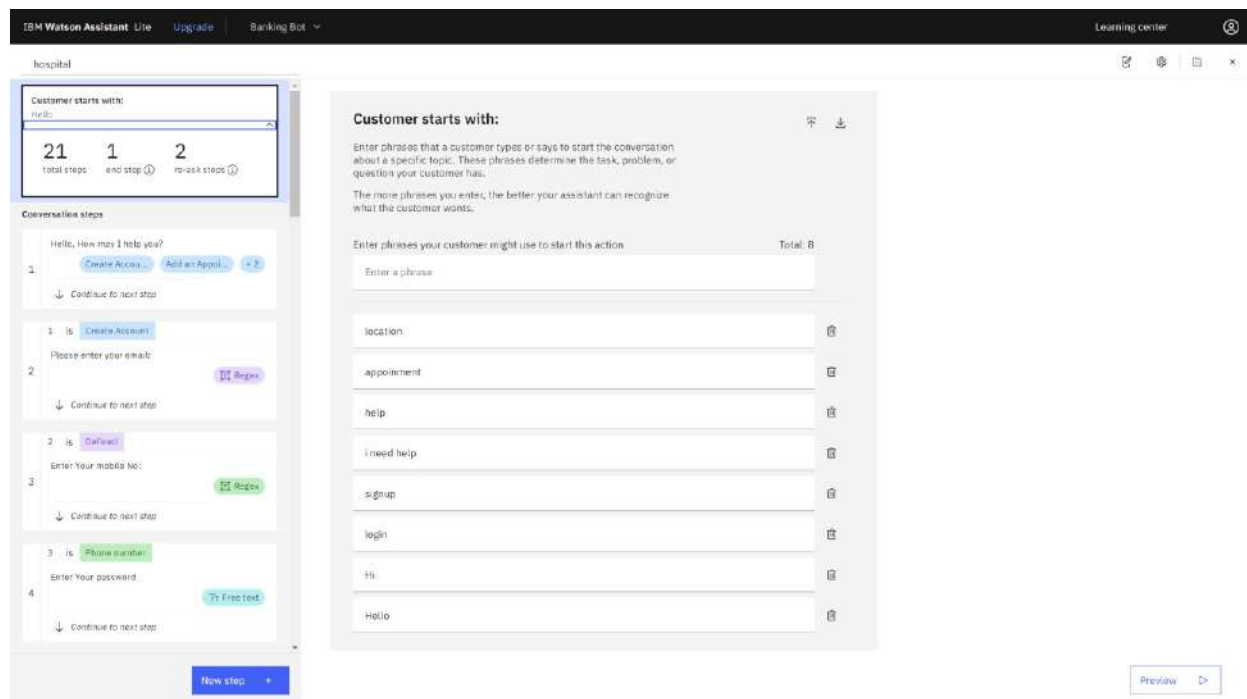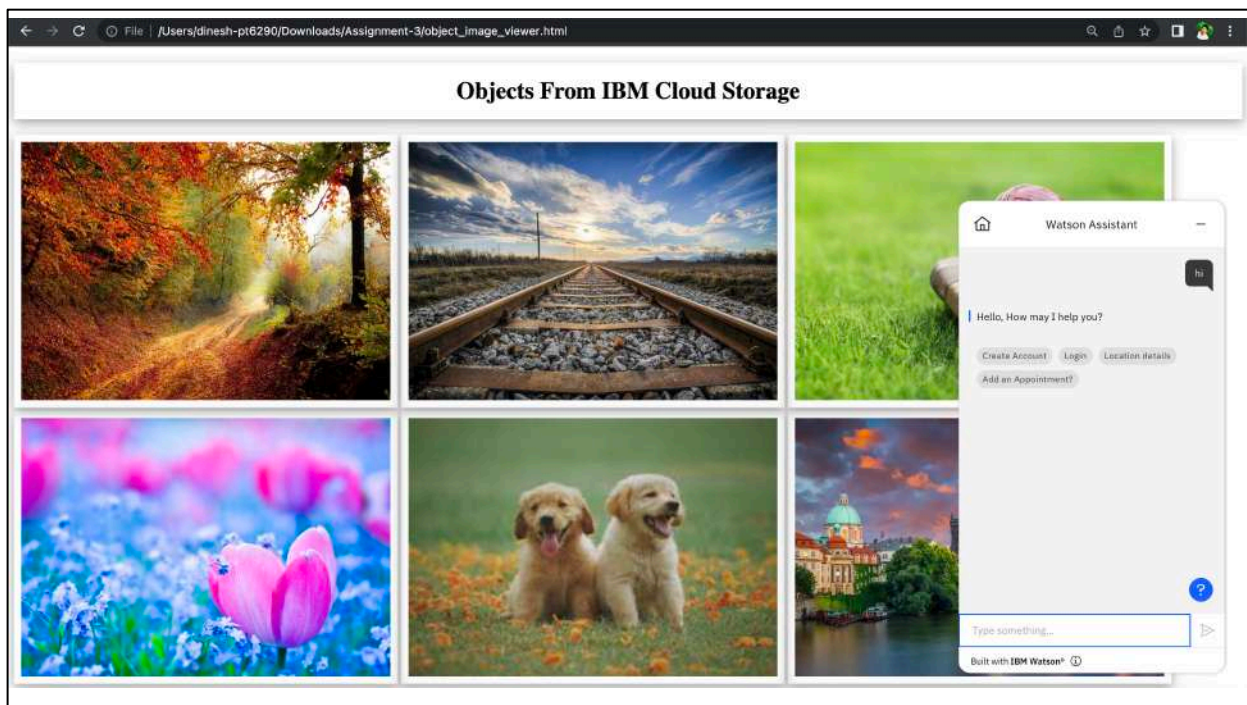
```html
    </body>
</html>
```

Output:

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