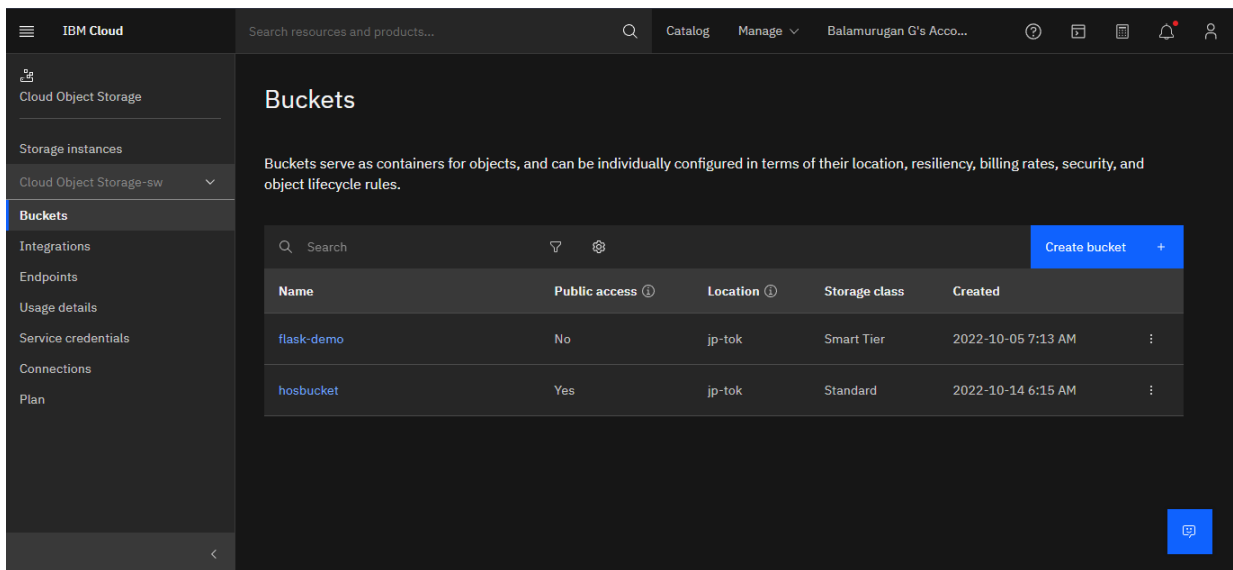


## Assignment-3

Assignment Date	14 October 2022
Student Name	G. Balamurugan
Student Roll Number	913319104009
Maximum Marks	2 Marks

### Question-1:

#### Create a Bucket in IBM object storage:

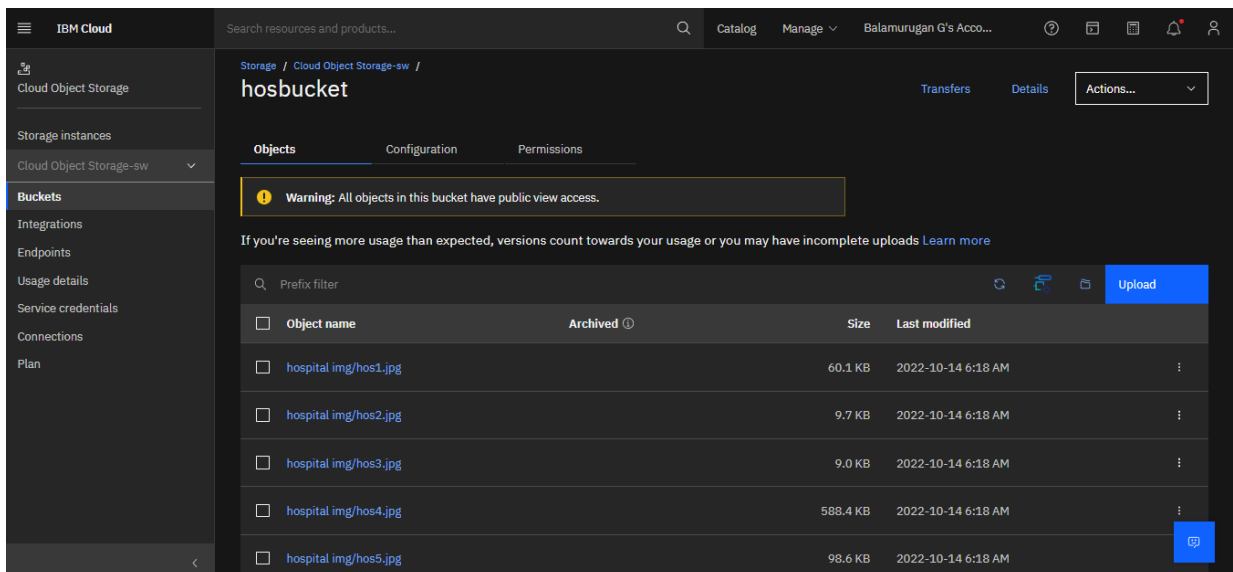


The screenshot shows the IBM Cloud Object Storage interface. On the left, a sidebar lists navigation options: Cloud Object Storage, Storage instances, Cloud Object Storage-sw, Buckets (selected), Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main area is titled 'Buckets' and includes a search bar, a filter icon, and a 'Create bucket' button. Below this is a table listing existing buckets:

Name	Public access ⓘ	Location ⓘ	Storage class	Created	
flask-demo	No	jp-tok	Smart Tier	2022-10-05 7:13 AM	⋮
hosbucket	Yes	jp-tok	Standard	2022-10-14 6:15 AM	⋮

### Question-2:

#### 2.Upload an 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 'hosbucket'. The left sidebar is the same as in the previous screenshot. The main area is titled 'hosbucket' and includes tabs for 'Objects', 'Configuration', and 'Permissions'. Below the tabs, a warning message states: 'Warning: All objects in this bucket have public view access.' Below the warning, a message says: 'If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads Learn more'. Below this is a table listing objects in the bucket:

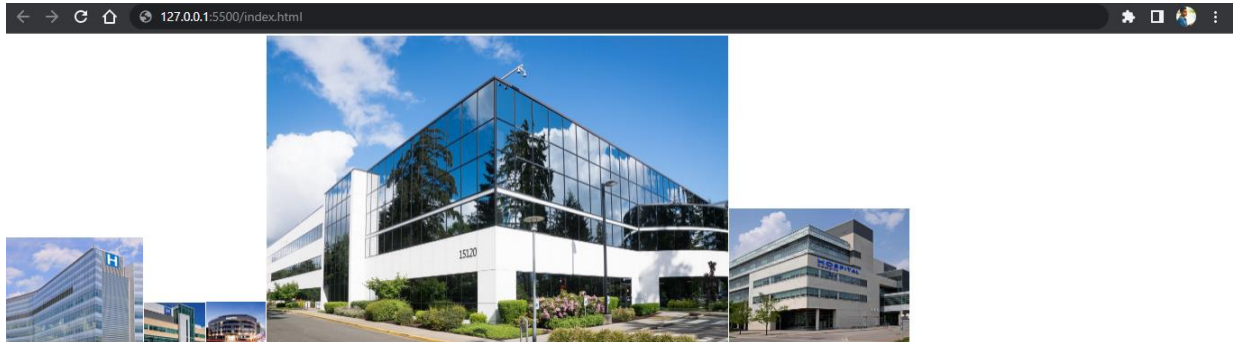
Object name	Archived ⓘ	Size	Last modified	
hospital img/hos1.jpg		60.1 KB	2022-10-14 6:18 AM	⋮
hospital img/hos2.jpg		9.7 KB	2022-10-14 6:18 AM	⋮
hospital img/hos3.jpg		9.0 KB	2022-10-14 6:18 AM	⋮
hospital img/hos4.jpg		588.4 KB	2022-10-14 6:18 AM	⋮
hospital img/hos5.jpg		98.6 KB	2022-10-14 6:18 AM	⋮

## index.html

```
<html>
  <body>
    
    
    
    
    

  </body>
</html>
```

## Output:



## Question-3:

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

## styles.css

```
div.gallery {
  border: 1px solid #ccc;
}

div.gallery:hover {
  border: 1px solid #777;
}

div.gallery img {
  width: 100%;
  height: auto;
}

div.desc {
```

```
padding: 15px;
text-align: center;
}

* {
  box-sizing: border-box;
}

.responsive {
  padding: 0 6px;
  float: left;
  width: 24.99999%;
}

@media only screen and (max-width: 700px) {
  .responsive {
    width: 49.99999%;
    margin: 6px 0;
  }
}

@media only screen and (max-width: 500px) {
  .responsive {
    width: 100%;
  }
}

.clearfix:after {
  content: "";
  display: table;
  clear: both;
}
```

**styles.css is uploaded to the bucket**

The screenshot displays the IBM Cloud Object Storage console. On the left, a sidebar lists navigation options: Cloud Object Storage, Storage instances, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main area shows a list of objects in a bucket, including 'hospital img/hos1.jpg' through 'styles.css'. The 'styles.css' object is selected, and its details are shown on the right. The details panel includes a warning, download and delete buttons, and tabs for Overview and Lifecycle. Under the Overview tab, the object details are listed: last modified (2022-10-14 9:10 PM), object size (694 bytes), storage class (Standard), and 0 tags. The Object Public URL is provided as 'https://hosbucket.s3.jp-tok.cloud-object-storage.appdomain.cloud/styles.css'. Below this, the 'Access with Data Engine' section shows the Object Data Engine URL as 'cos://jp-tok/hosbucket/styles.css'. A message states that there is no Data Engine instance available, and a button to 'Open in Data Engine' is provided.

## index.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/styles.css">
</head>
<body>

  <h2>Hospital Branches</h2>

  <div class="responsive">
    <div class="gallery">
      <a target="_blank" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/hospital%20img/hos1.jpg">
        
      </a>
      <div class="desc">Hospital 1</div>
    </div>
  </div>

  <div class="responsive">
    <div class="gallery">
      <a target="_blank" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/hospital%20img/hos2.jpg">
        
      </a>
      <div class="desc">Hospital 2</div>
    </div>
  </div>

  <div class="responsive">
    <div class="gallery">
      <a target="_blank" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/hospital%20img/hos3.jpg">
        
      </a>
```

```

        <div class="desc">Hospital 3</div>
    </div>
</div>
<div class="responsive">
    <div class="gallery">
        <a target="_blank" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/hospital%20img/hos4.jpg">
            
        </a>
        <div class="desc">Hospital 4</div>
    </div>
</div>

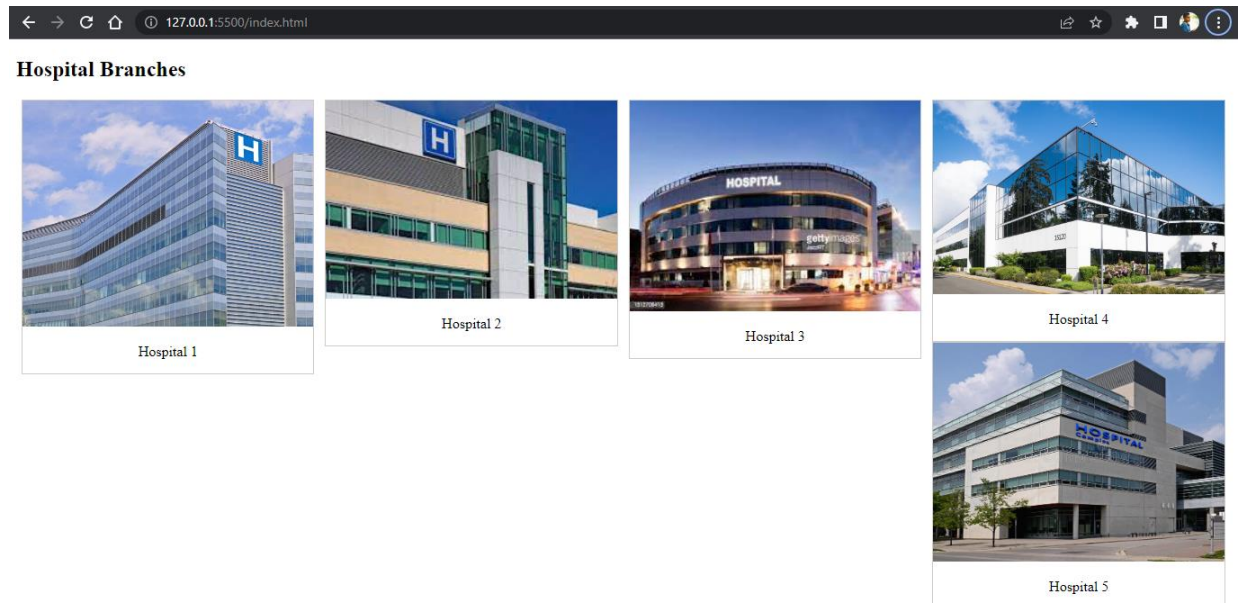
    <div class="responsive">
        <div class="gallery">
            <a target="_blank" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/hospital%20img/hos5.jpg">
                
            </a>
            <div class="desc">Hospital 5</div>
        </div>
    </div>

</body>
</html>

```

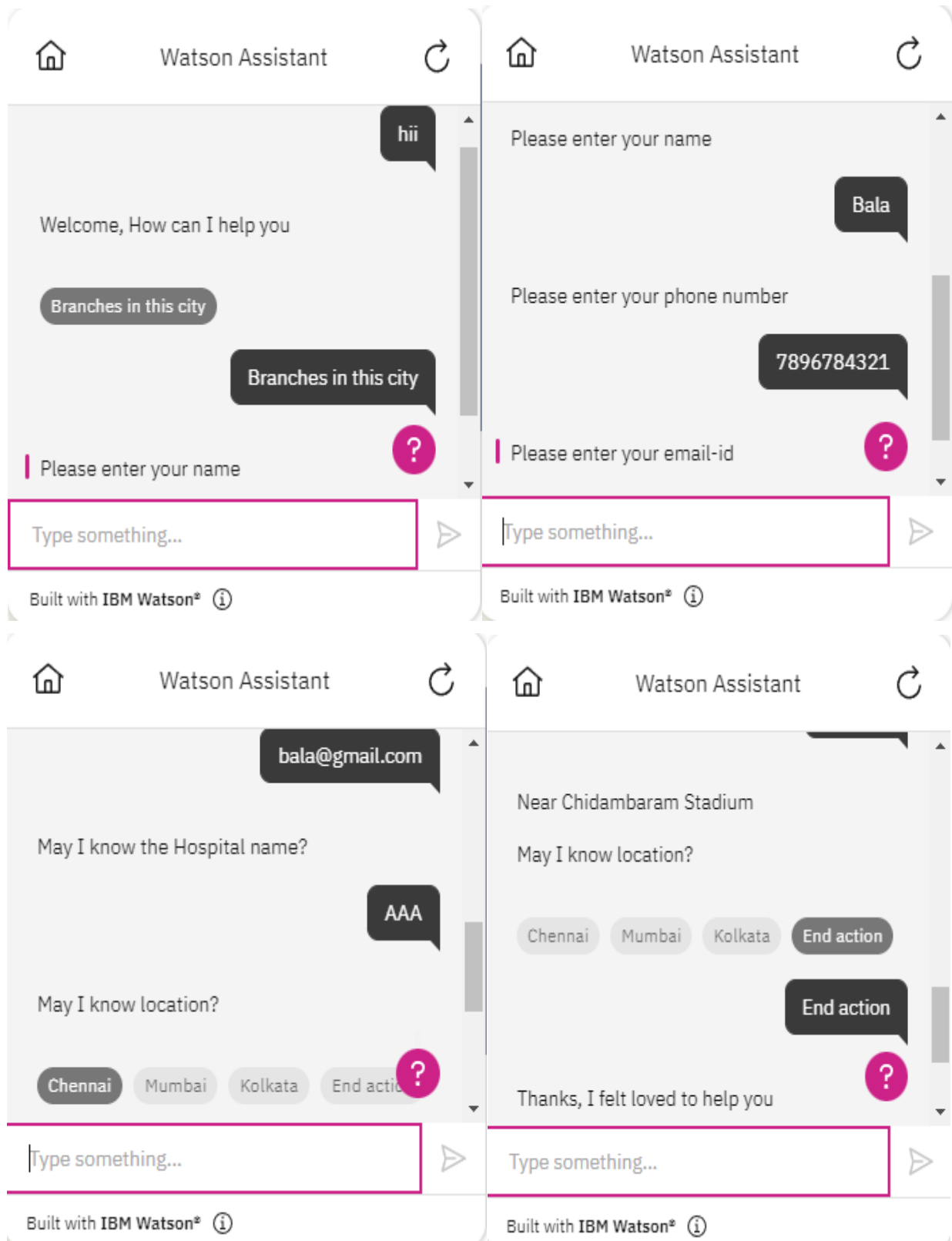
## Output:

After applying the css properties from styles.css which is stored in object storage



#### 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.**



## Web URL of that chat bot:

<https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fjp-tok.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-b51745ed-ecd2-4b2e-a48e-18656f522d70%3A%3Ae048a20e-1e9e-411c-8275-ec6c44e8ca2b&integrationID=0c4e7b4d-77ba-41ff-a679-6b26ab8e1e24&region=jp-tok&serviceInstanceID=b51745ed-ecd2-4b2e-a48e-18656f522d70>

## Question-5:

Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page.

The screenshot displays the IBM Watson Assistant console interface, showing the configuration of a chatbot service. The interface is divided into two main sections: a left sidebar for step configuration and a right pane for editing the current step.

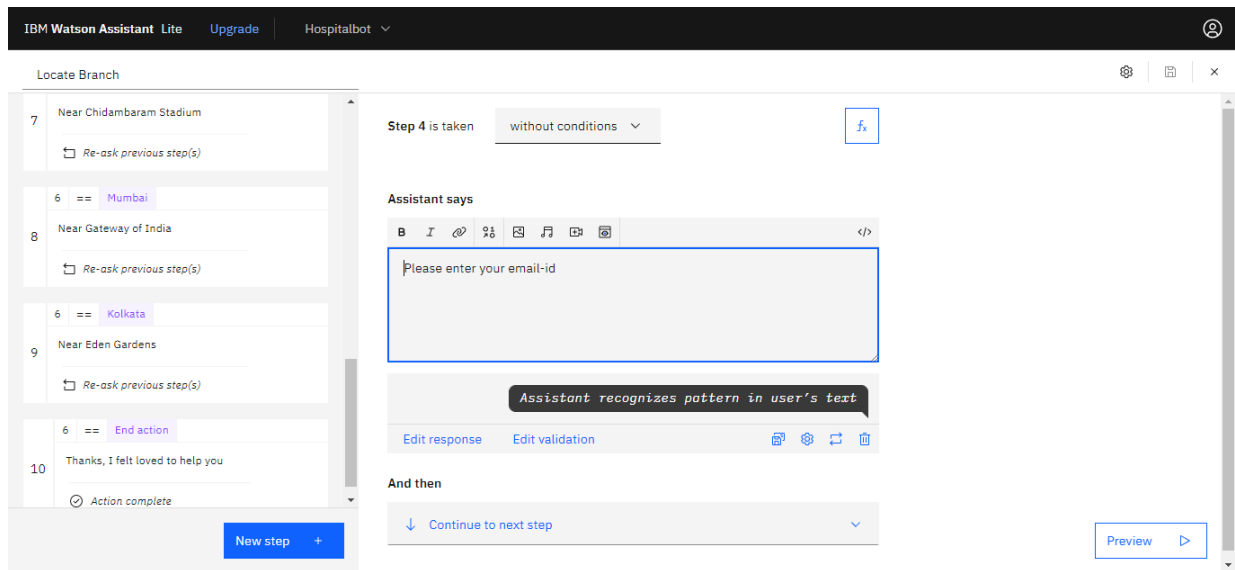
**Left Sidebar (Step Configuration):**

- Step 1:** Welcome, How can I help you. Action: Continue to next step.
- Step 2:** Please enter your name. Action: Continue to next step.
- Step 3:** Please enter your phone number. Action: Continue to next step.
- Step 4:** Please enter your email-id. Action: Continue to next step.
- Step 5:** May I know the Hospital name? Action: Continue to next step.
- Step 6:** May I know location? Action: Continue to next step.
- Step 7:** Near Chidambaram Stadium.

**Right Pane (Step 4 Configuration):**

- Customer starts with:** Enter phrases that a customer types or says to start the conversation about a specific topic. These phrases determine the task, problem, or question your customer has. The more phrases you enter, the better your assistant can recognize what the customer wants. Total: 5 action.
- Enter phrases your customer might use to start this action:** vanakam, namaste, welcome.
- Assistant says:** Please enter your email-id.
- And then:** Continue to next step.

The interface includes a top navigation bar with "IBM Watson Assistant Lite", "Upgrade", and "Hospitalbot" options. A "Preview" button is visible in the bottom right corner of the right pane.



Load (embed) Watson assistant script in html page:

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <script>
    window.watsonAssistantChatOptions = {
      integrationID: "0c4e7b4d-77ba-41ff-a679-6b26ab8e1e24", // The ID of
this integration.
      region: "jp-tok", // The region your integration is hosted in.
      serviceInstanceID: "b51745ed-eed2-4b2e-a48e-18656f522d70", // 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>
  <link rel="stylesheet" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/styles.css">
</head>
```



```
<body>

    <h2>Hospital Branches</h2>

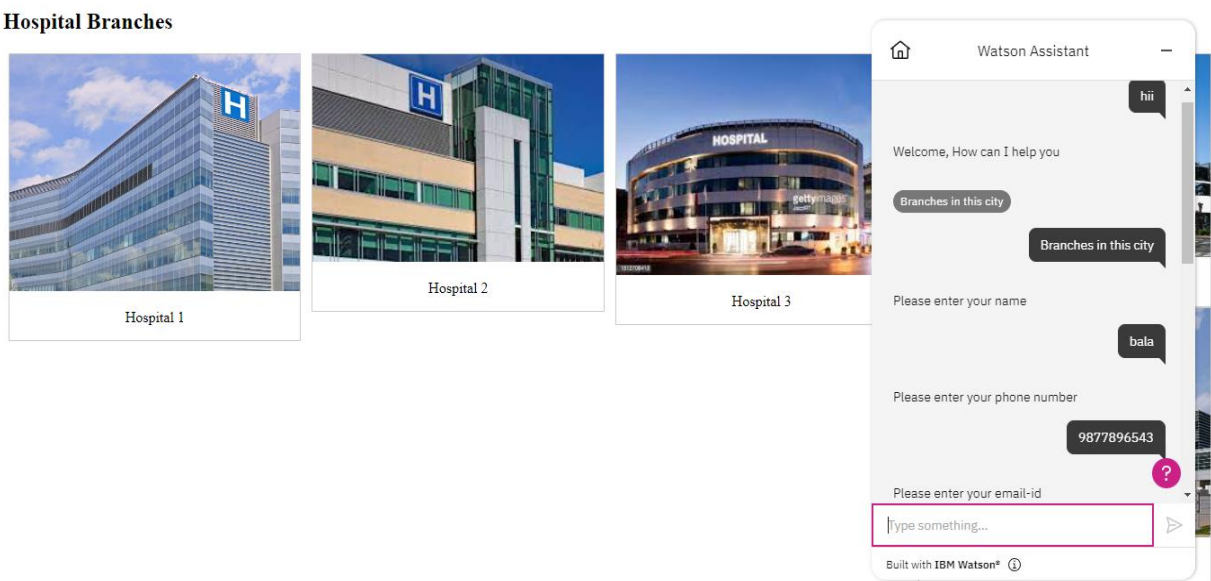
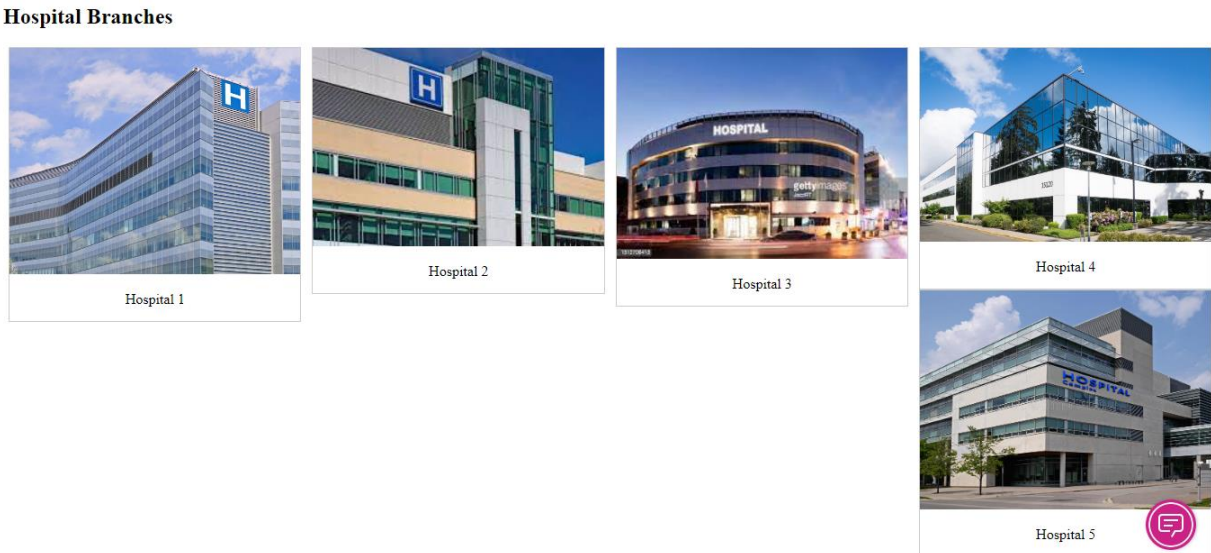
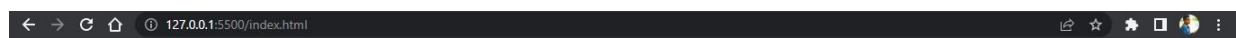
    <div class="responsive">
        <div class="gallery">
            <a target="_blank" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/hospital%20img/hos1.jpg">
                
            </a>
            <div class="desc">Hospital 1</div>
        </div>
    </div>
    <div class="responsive">
        <div class="gallery">
            <a target="_blank" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/hospital%20img/hos2.jpg">
                
            </a>
            <div class="desc">Hospital 2</div>
        </div>
    </div>
    <div class="responsive">
        <div class="gallery">
            <a target="_blank" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/hospital%20img/hos3.jpg">
                
            </a>
            <div class="desc">Hospital 3</div>
        </div>
    </div>
    <div class="responsive">
        <div class="gallery">
            <a target="_blank" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/hospital%20img/hos4.jpg">
                
            </a>
            <div class="desc">Hospital 4</div>
        </div>
    </div>
```

```

<div class="responsive">
  <div class="gallery">
    <a target="_blank" href="https://hosbucket.s3.jp-tok.cloud-object-
storage.appdomain.cloud/hospital%20img/hos5.jpg">
      
    </a>
    <div class="desc">Hospital 5</div>
  </div>
</div>
</body>
</html>

```

## Output:



## Hospital Branches



Hospital 1



Hospital 2



Hospital 3

Watson Assistant

Please enter your email-id

bala@gmail.com

May I know the Hospital name?

AAA

May I know location?

Chennai Mumbai Kolkata End action

Mumbai

Near Gateway of India

May I know location?

Type something...

Built with IBM Watson®

## Hospital Branches



Hospital 1



Hospital 2



Hospital 3

Watson Assistant

May I know location?

Chennai Mumbai Kolkata End action

Mumbai

Near Gateway of India

May I know location?

Chennai Mumbai Kolkata End action

End action

Thanks, I felt loved to help you

Type something...

Built with IBM Watson®