

Assignment -3
Cloud Object Storage and Watson Assistant

Assignment Date	21 October 2022
Student Name	K R SREE AAKASH
Student Roll Number	913119104101
Maximum Marks	2 Marks

Question-1:

Create a Bucket in IBM object storage

Solution:

IBM Cloud

Search resources and products...

Catalog Manage SREE AAKASH K R's Ac...

Cloud Object Storage

Storage instances

Cloud Object Storage-cz

Buckets

Integrations

Endpoints

Usage details

Service credentials

Connections

Plan

Buckets

Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.

Search

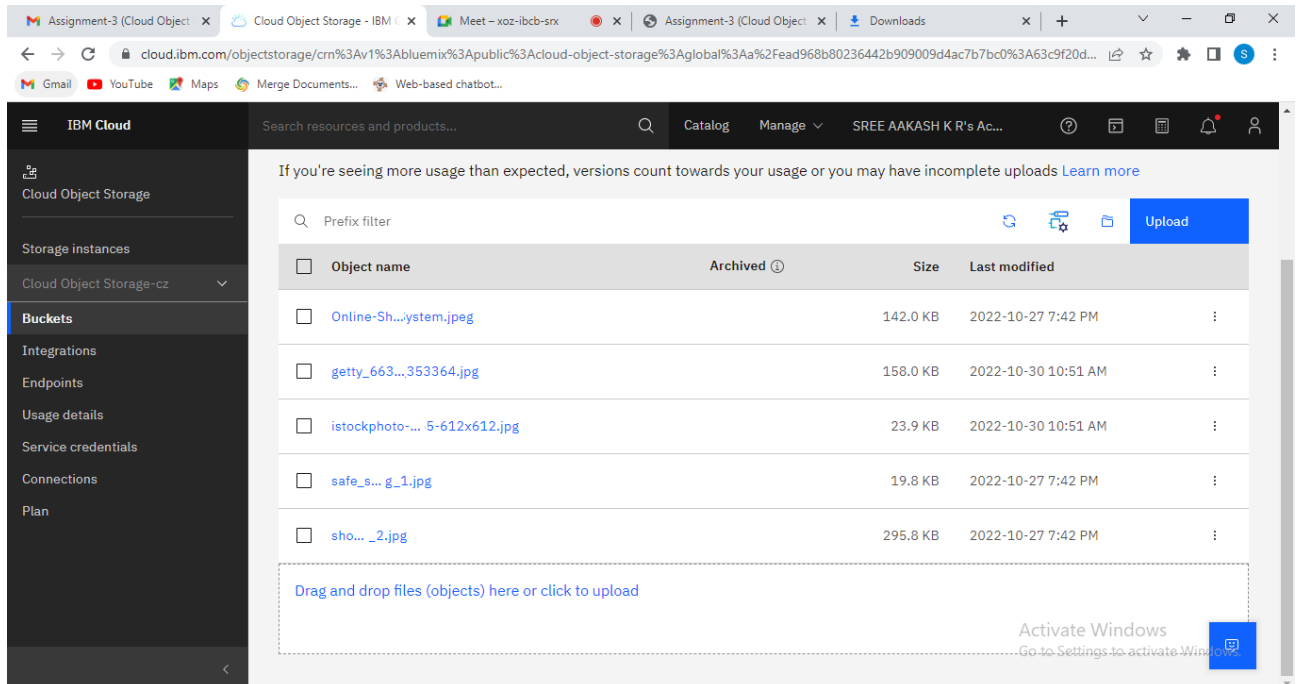
Create bucket +

Name	Public access ⓘ	Location ⓘ	Storage class	Created
htmlimages	Yes	jp-tok	Smart Tier	2022-10-27 7:32 PM

Question-2:

Upload an 5 images to ibm object storage and make it public. write html code to displaying all the 5 images.

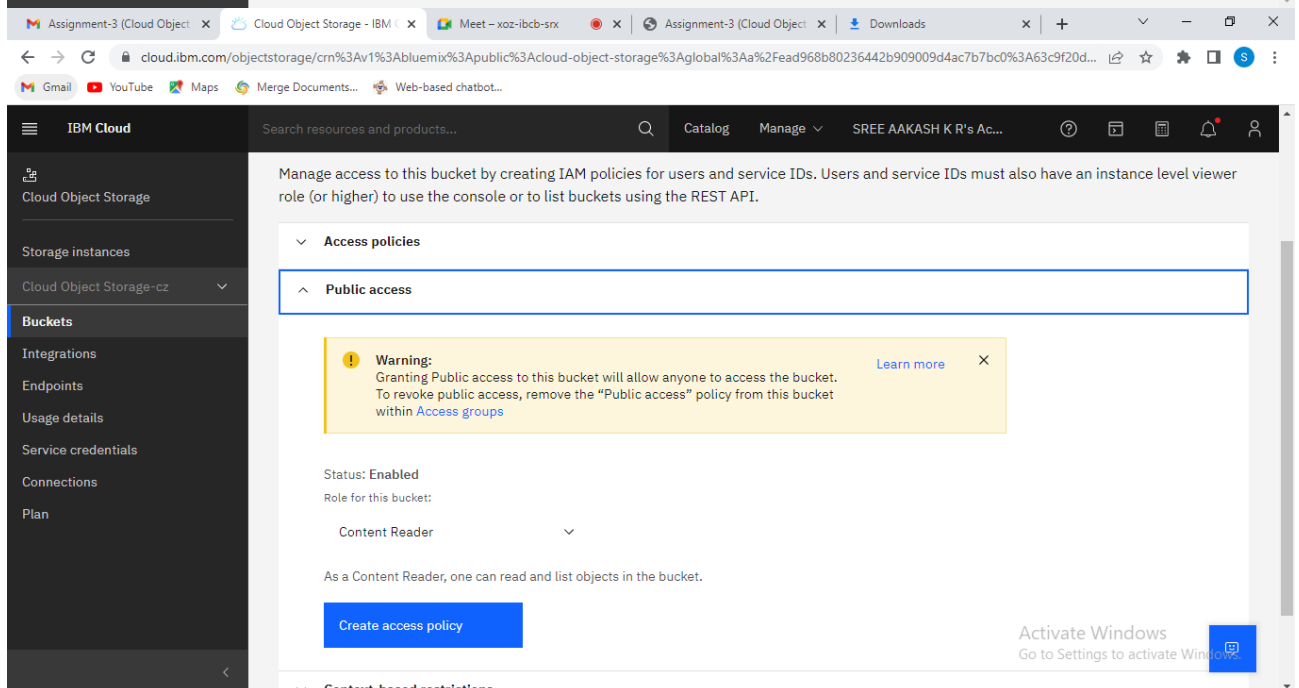
Solution:



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-cz, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area displays a bucket named 'Cloud Object Storage-cz'. A table lists 5 objects:

Object name	Archived	Size	Last modified
Online-Sh...ystem.jpeg		142.0 KB	2022-10-27 7:42 PM
getty_663...353364.jpg		158.0 KB	2022-10-30 10:51 AM
istockphoto-... 5-612x612.jpg		23.9 KB	2022-10-30 10:51 AM
safe_s...g_1.jpg		19.8 KB	2022-10-27 7:42 PM
sho..._2.jpg		295.8 KB	2022-10-27 7:42 PM

Below the table is a dashed box with the text: "Drag and drop files (objects) here or click to upload".



The screenshot shows the 'Public access' policy configuration for the bucket. The 'Access policies' section is expanded, and the 'Public access' policy is selected. A warning message states: "Warning: Granting Public access to this bucket will allow anyone to access the bucket. To revoke public access, remove the 'Public access' policy from this bucket within Access groups". The status is 'Enabled'. The role for this bucket is 'Content Reader'. A description states: "As a Content Reader, one can read and list objects in the bucket." A blue button labeled 'Create access policy' is visible.

HTML CODE:

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="style.css">
<title>ASSIGNMENT 3</title> </head>
<body>
<div class="img"> <center>
<h1>Image Gallery</h1><br><hr><br>
</center><br>
<img src =
"https://htmlimages.s3.jp-tok.cloud-object-storage.appdomain.cloud/Online-
Shopping-System.jpeg" alt = "hp" height = "240" width = "225" />
<img src=
"https://htmlimages.s3.jptok.cloudobjectstorage.appdomain.cloud/getty_663974538_353364
.jpg" alt = "hp 1" height = "240" width = "225" />

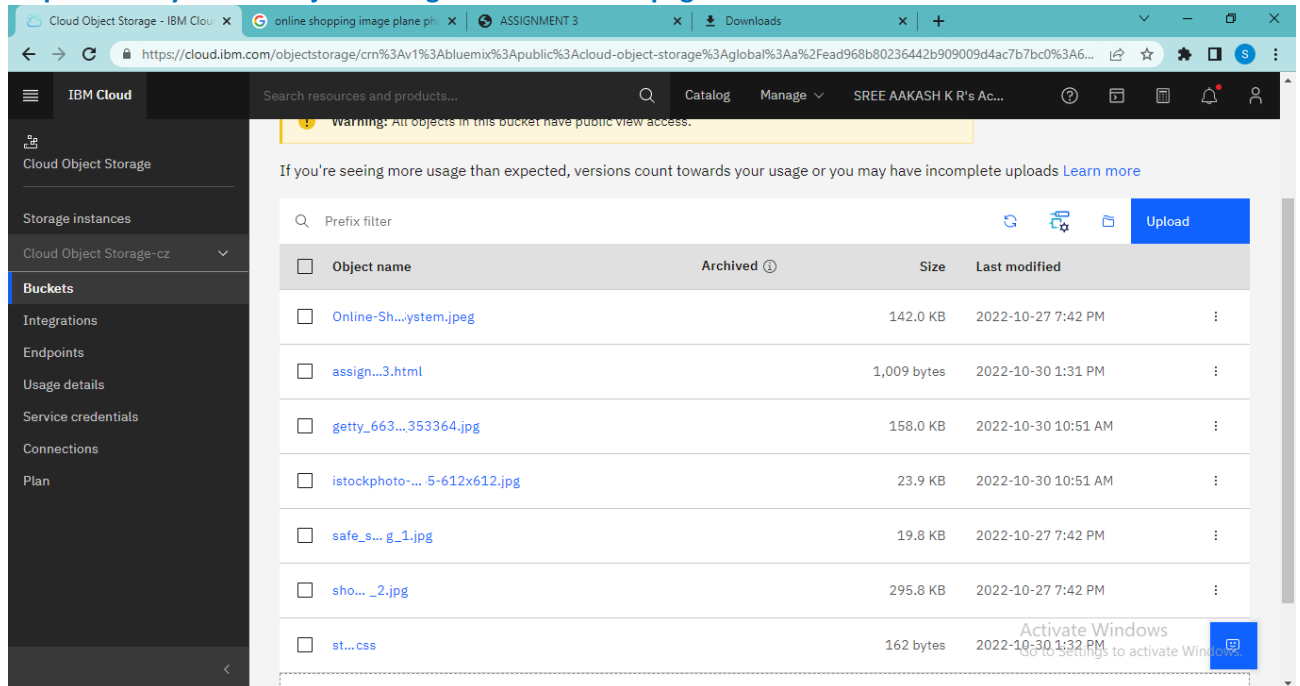
<img src=
"https://htmlimages.s3.jptok.cloudobjectstorage.appdomain.cloud/safe_shopping_1.jpg"
alt = "hp 3" height = "240" width = "225" />
<img src ="https://htmlimages.s3.jp-tok.cloud-object-storage.appdomain.cloud/shopping_2.jpg"
alt = "hp 4" height = "240" width = "225" />
</div><br><br><hr>
</body>
</html>
```

Question-3:

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

Solution:

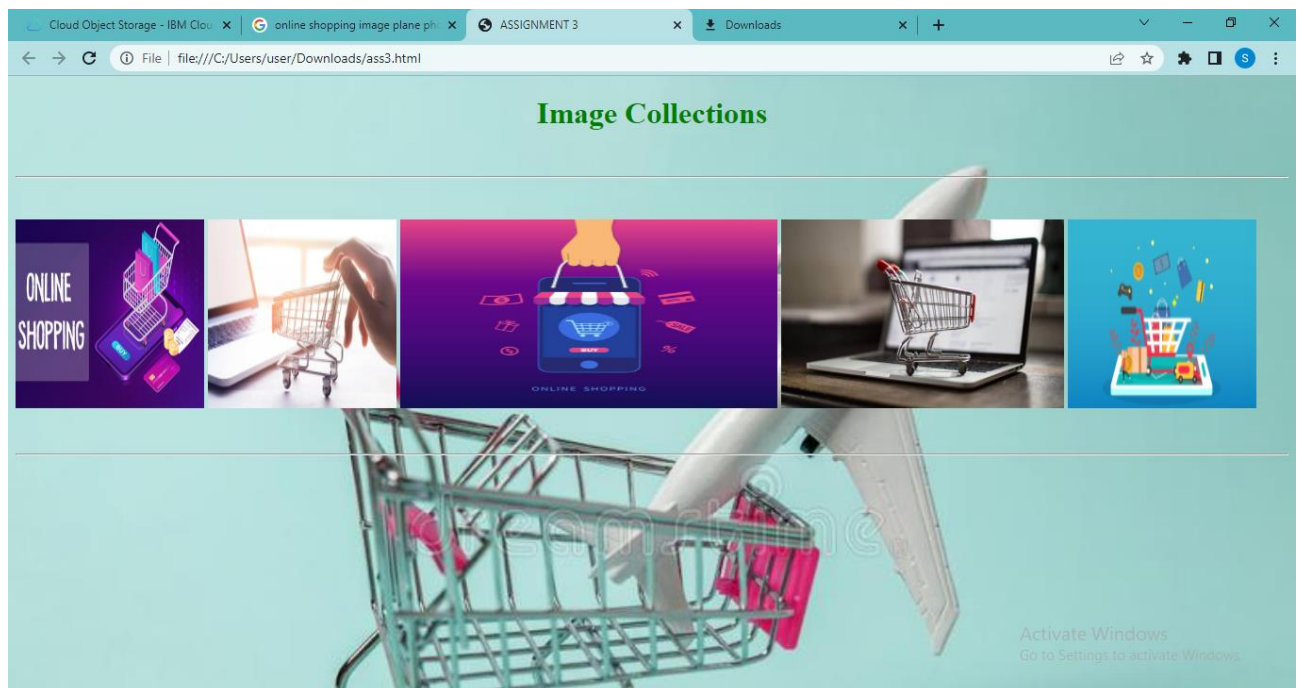
Uploaded style.css in object storage and used same page in html code



The screenshot shows the IBM Cloud Object Storage interface. A warning banner at the top 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](#)".

The main content area displays a table of objects with the following columns: Object name, Archived, Size, and Last modified. The table lists several files, including 'Online-Sh...ystem.jpeg', 'assign...3.html', 'getty_663...353364.jpg', 'istockphoto-... 5-612x612.jpg', 'safe_s..._g_1.jpg', 'sho..._2.jpg', and 'st...css'.

Object name	Archived	Size	Last modified
Online-Sh...ystem.jpeg		142.0 KB	2022-10-27 7:42 PM
assign...3.html		1,009 bytes	2022-10-30 1:31 PM
getty_663...353364.jpg		158.0 KB	2022-10-30 10:51 AM
istockphoto-... 5-612x612.jpg		23.9 KB	2022-10-30 10:51 AM
safe_s..._g_1.jpg		19.8 KB	2022-10-27 7:42 PM
sho..._2.jpg		295.8 KB	2022-10-27 7:42 PM
st...css		162 bytes	2022-10-30 1:32 PM



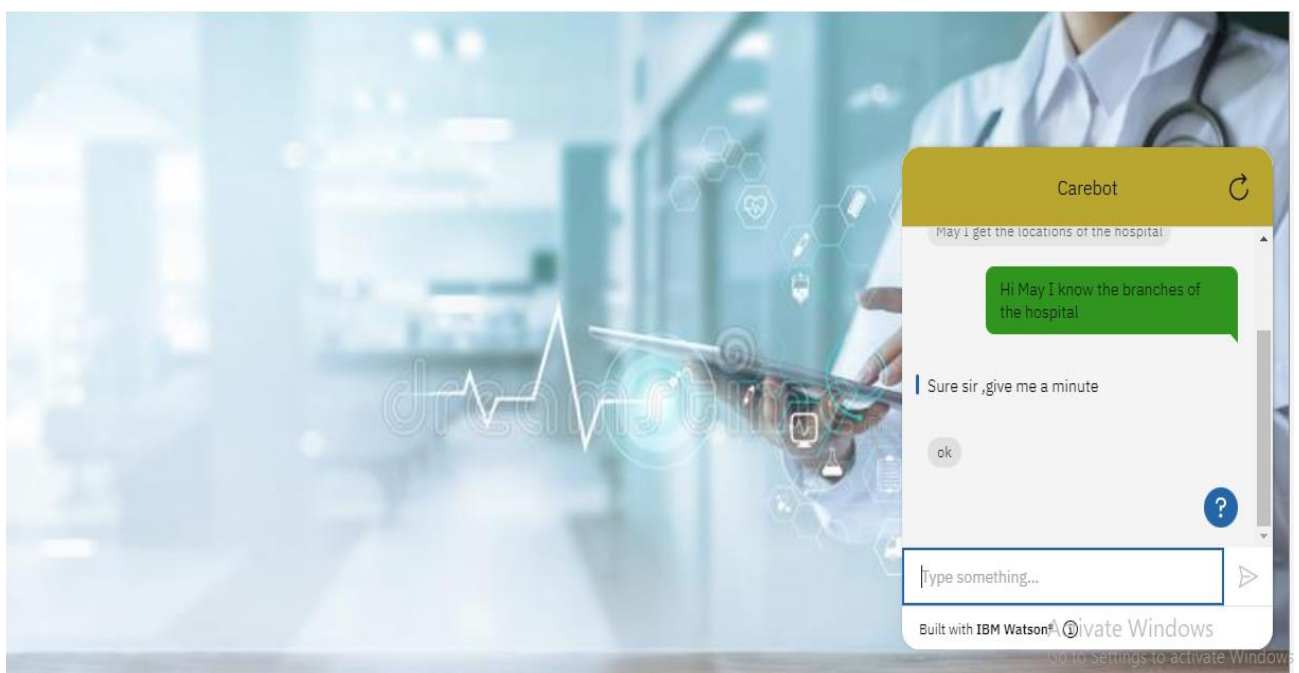
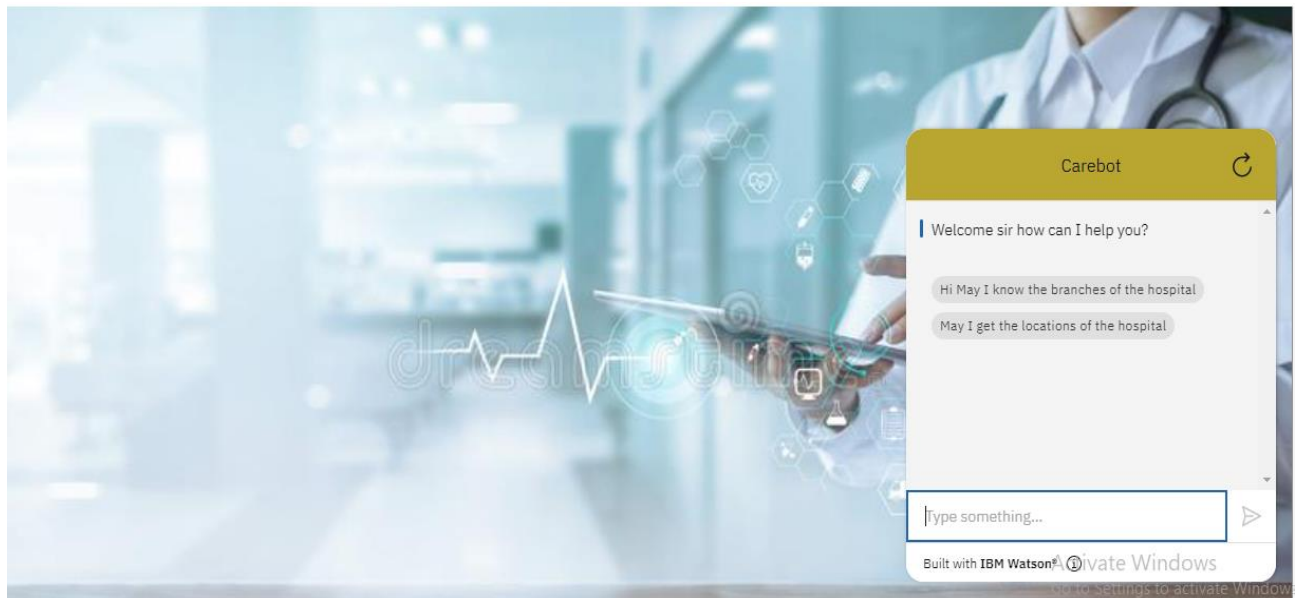
Question-4:

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:

URL:

<https://webchat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-b00413d1-c49c-463a-bfeb-8611e043ea8b%3A%3Ad27423c1-1d90-4bb2-821f-5bcb65f4eb96&integrationID=9c03598a-f2e9-4f86-81af-6b021fb8fda3®ion=au-syd&serviceInstanceID=b00413d1-c49c-463a-bfeb-8611e043ea8b>





Question-5:

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

Solution:

```
<!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>Vikram Hospital</title>
<style>
body {
font-family: Verdana, Geneva, Tahoma, sans-serif; background-color: yellow;
font-size: 1.7rem; color: rgb(1, 22, 74);
}

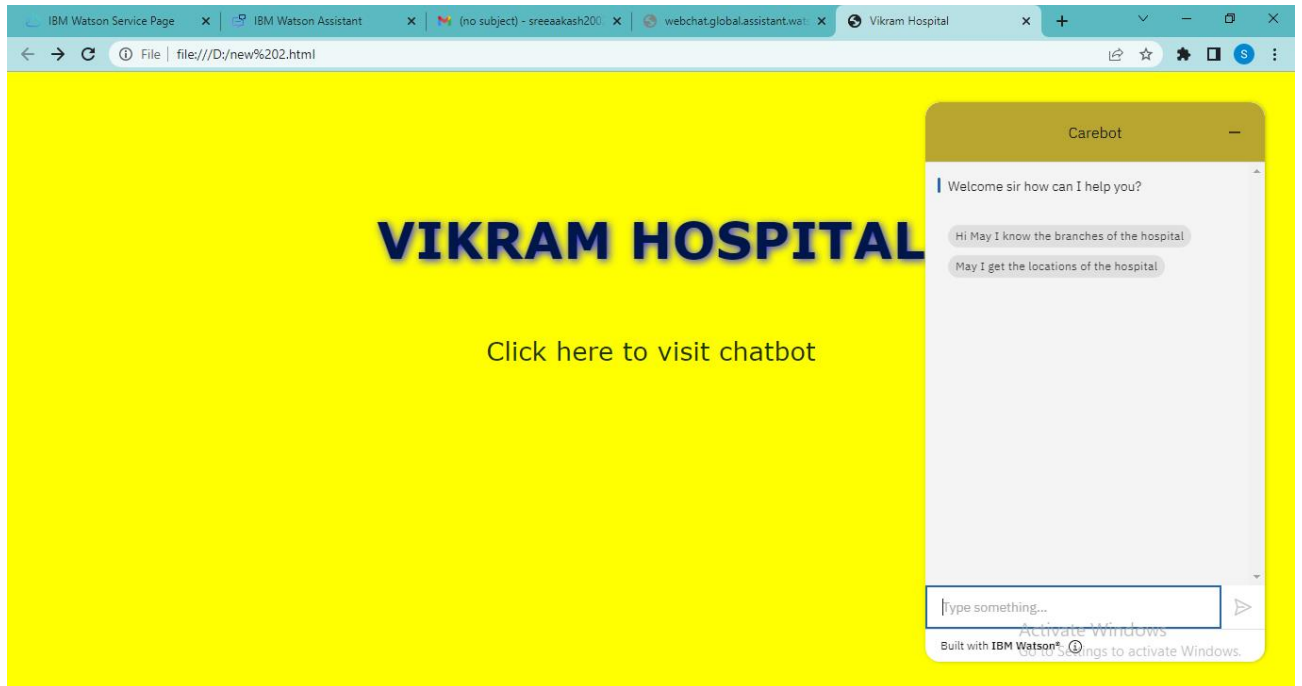
a {
color: rgb(25, 52, 0); text-decoration: none;
}
h1{
text-shadow: 2px 2px 8px #3333ff;
}

a:hover {
color: rgb(0, 29, 1); padding: 5px 20px;
background-color: rgb(27, 87, 250); border-radius: 5px;
transition: .5s ease-in-out;
}
</style>
</head>

<body>
<center><br><br><br>
```

```
<h1>VIKRAM HOSPITAL</h1><br>
<a href="https://web-
chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageUrl=https%3A%2F%2Fau-
syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-b00413d1-c49c-463a-bfeb-
8611e043ea8b%3A%3Ad27423c1-1d90-4bb2-821f-5bcb65f4eb96&integrationID=9c03598a-f2e9-4f86-81af-
6b021fb8fda3&region=au-syd&serviceInstanceID=b00413d1-c49c-463a-bfeb-8611e043ea8b " >
Click here to visit chatbot
</a>
</center>
<!-- Embedded Code From Watson Assistant -->
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "9c03598a-f2e9-4f86-81af-6b021fb8fda3", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "b00413d1-c49c-463a-bfeb-8611e043ea8b", // 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>
```



URL for chatbot:

<https://webchat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-b00413d1-c49c-463a-bfeb-8611e043ea8b%3A%3Ad27423c1-1d90-4bb2-821f-5bcb65f4eb96&integrationID=9c03598a-f2e9-4f86-81af-6b021fb8fda3®ion=au-syd&serviceInstanceID=b00413d1-c49c-463a-bfeb-8611e043ea8b>