

Assignment -3
Cloud Object Storage and Watson Assistant

Assignment Date	21 October2022
Student Name	NITHISH KUMAR R N
Student Roll Number	921319205093
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

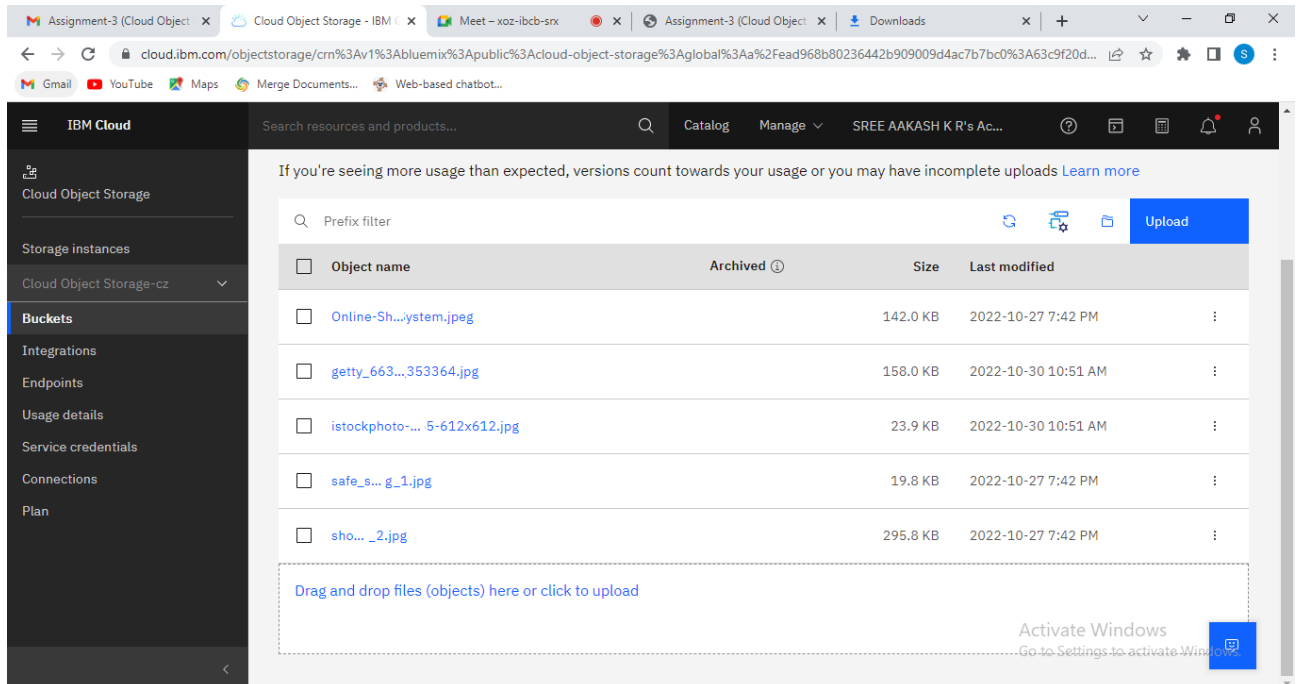
Create bucket +

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:

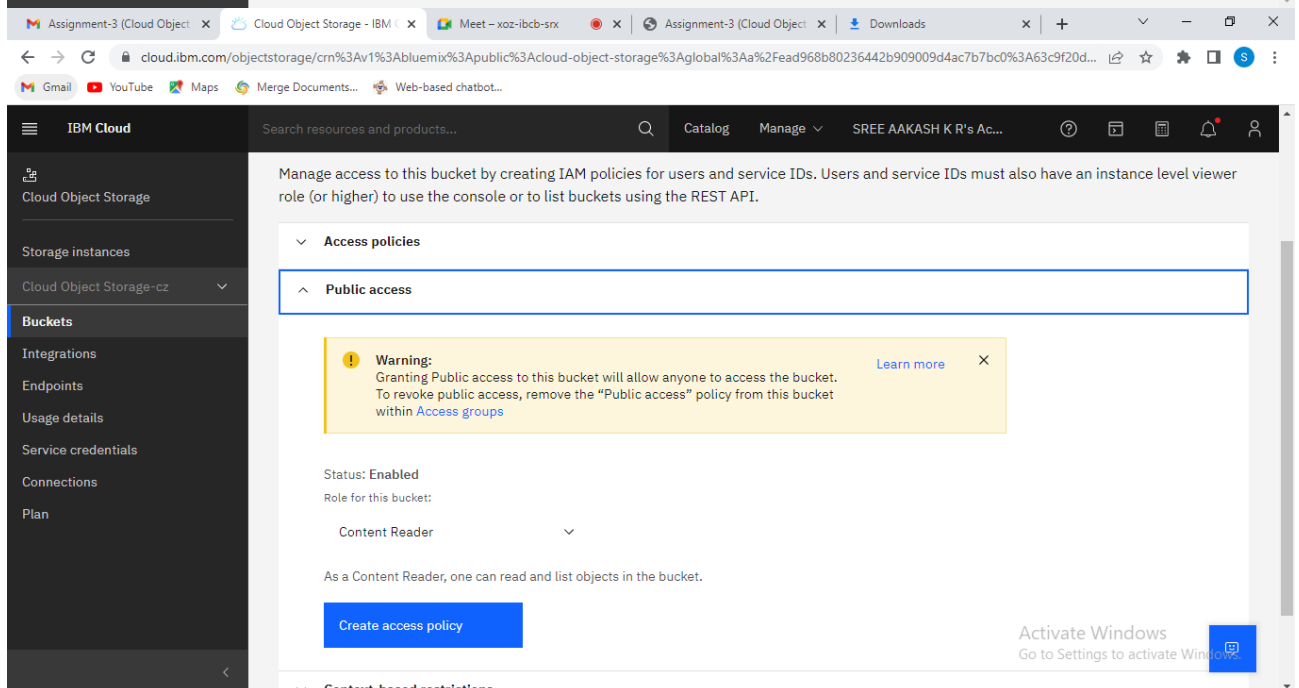


The screenshot shows the IBM Cloud Object Storage console. The left sidebar lists navigation options: Cloud Object Storage, Storage instances, Cloud Object Storage-cz, Buckets (selected), Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area displays a bucket named 'Cloud Object Storage-cz' with a table of objects. The table has columns for Object name, Archived, Size, and Last modified. Five objects are listed: '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), and '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' and an 'Upload' button.

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

Drag and drop files (objects) here or click to upload

Activate Windows
Go to Settings to activate Windows



The screenshot shows the 'Access policies' section for a bucket. The 'Public access' policy is expanded, showing a warning message: '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'. Below the warning, the status is 'Enabled' and the role for this bucket is 'Content Reader'. A description states: 'As a Content Reader, one can read and list objects in the bucket.' There is a 'Create access policy' button.

Manage access to this bucket by creating IAM policies for users and service IDs. Users and service IDs must also have an instance level viewer role (or higher) to use the console or to list buckets using the REST API.

Access policies

Public access

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

Status: Enabled

Role for this bucket:

Content Reader

As a Content Reader, one can read and list objects in the bucket.

Create access policy

Activate Windows
Go to Settings to activate Windows

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" />

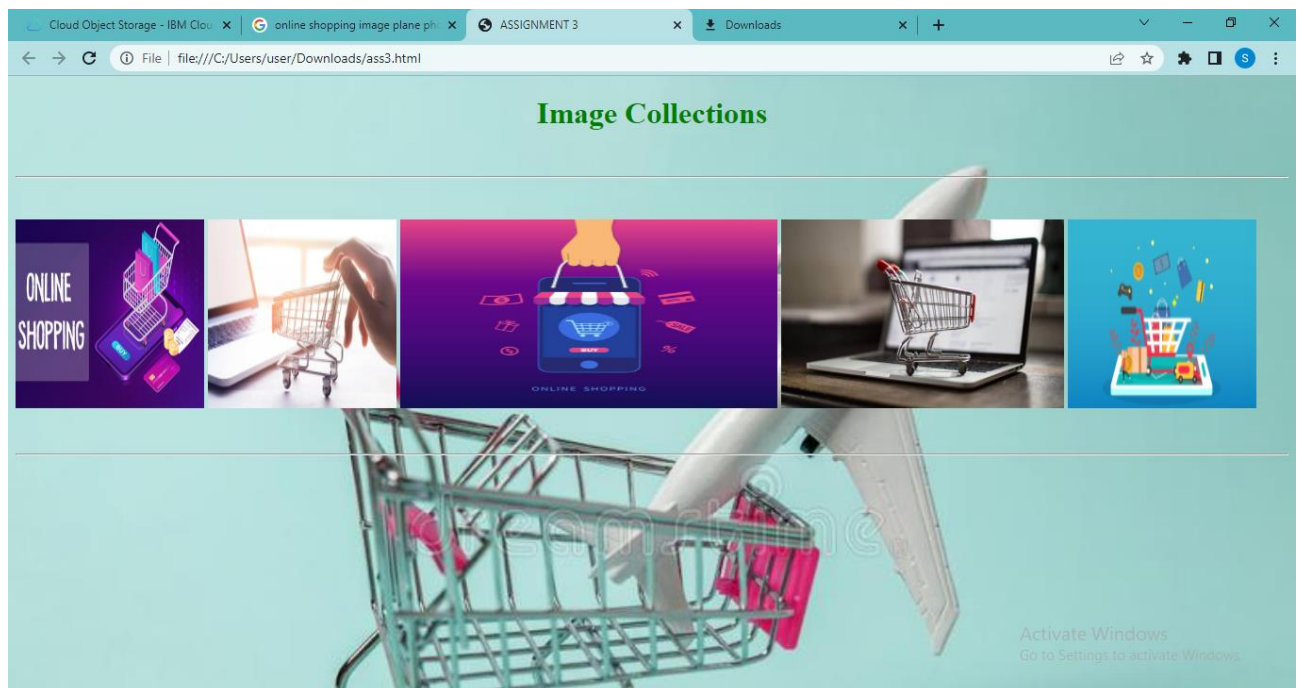
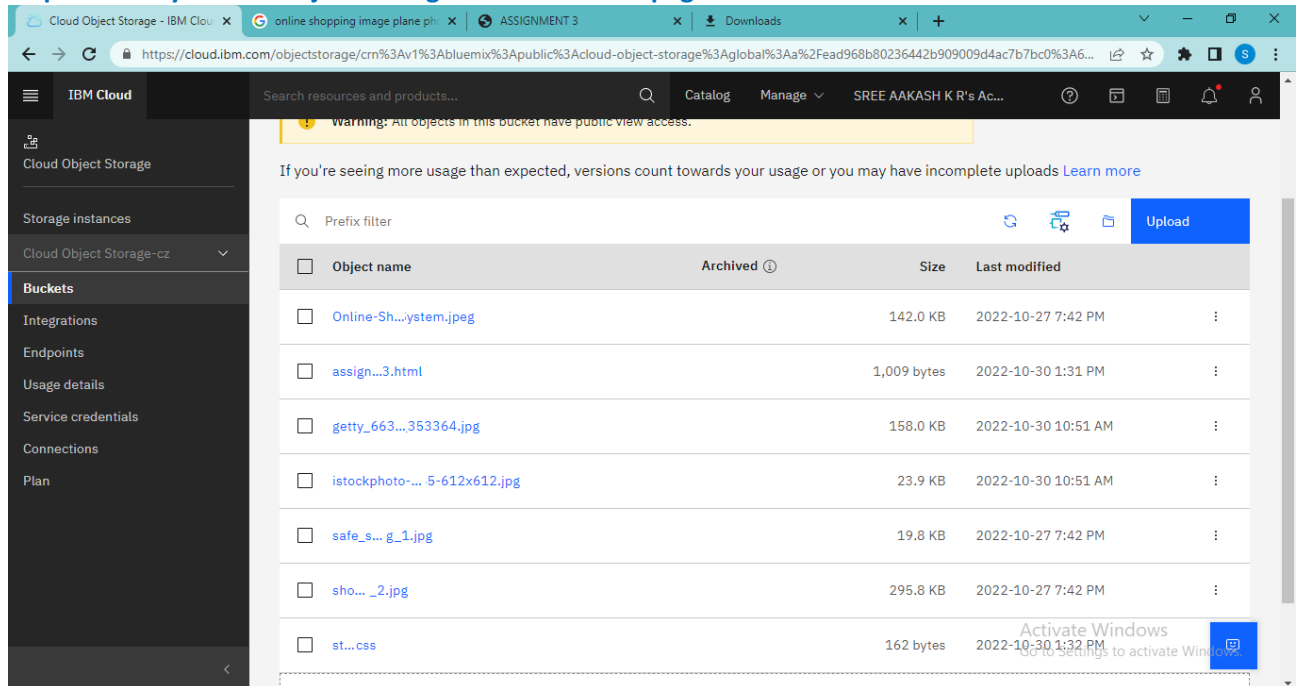
<img src=
"https://htmlimages.s3.jptok.cloudobjectstorage.appdomain.cloud/safe_shopping_1.jpg"
alt = "hp 3" height = "240" width = "225" />
<img src ="https://htmlimages.s3.jp-tok.cloud-object-storage.appdomain.cloud/shopping_2.jpg"
alt = "hp 4" height = "240" width = "225" />
</div><br><br><hr>
</body>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



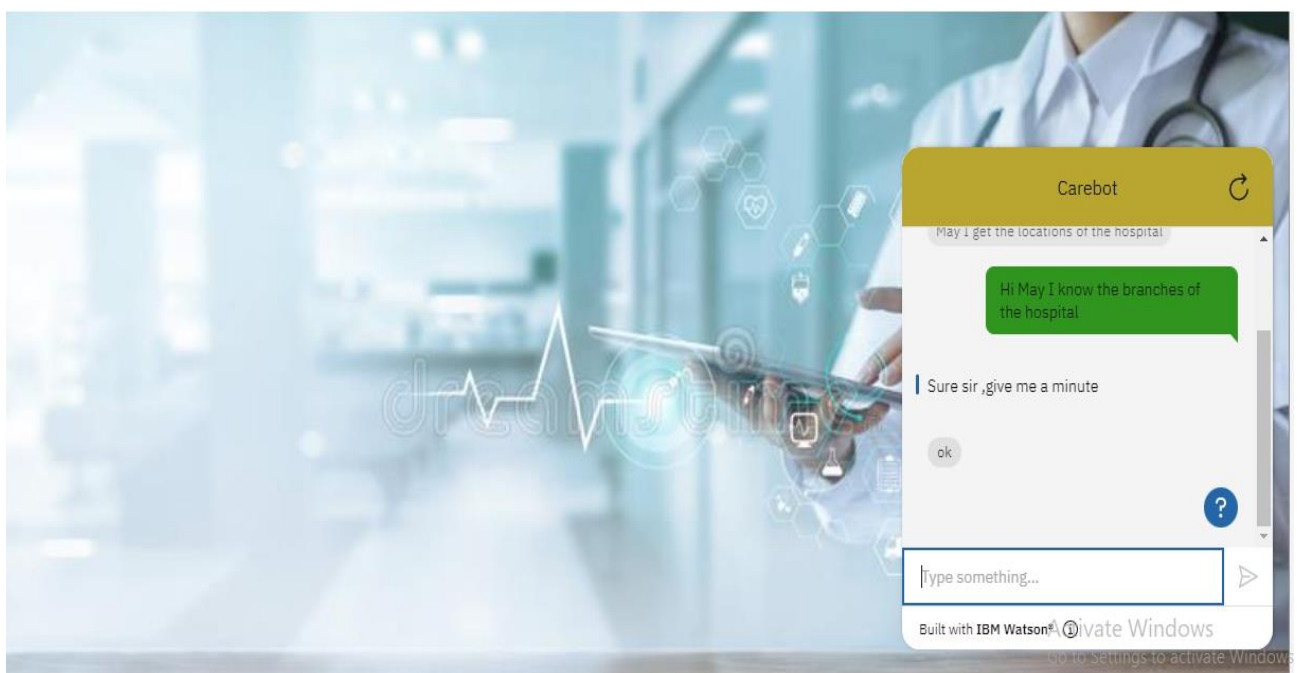
Question-4:

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);
}

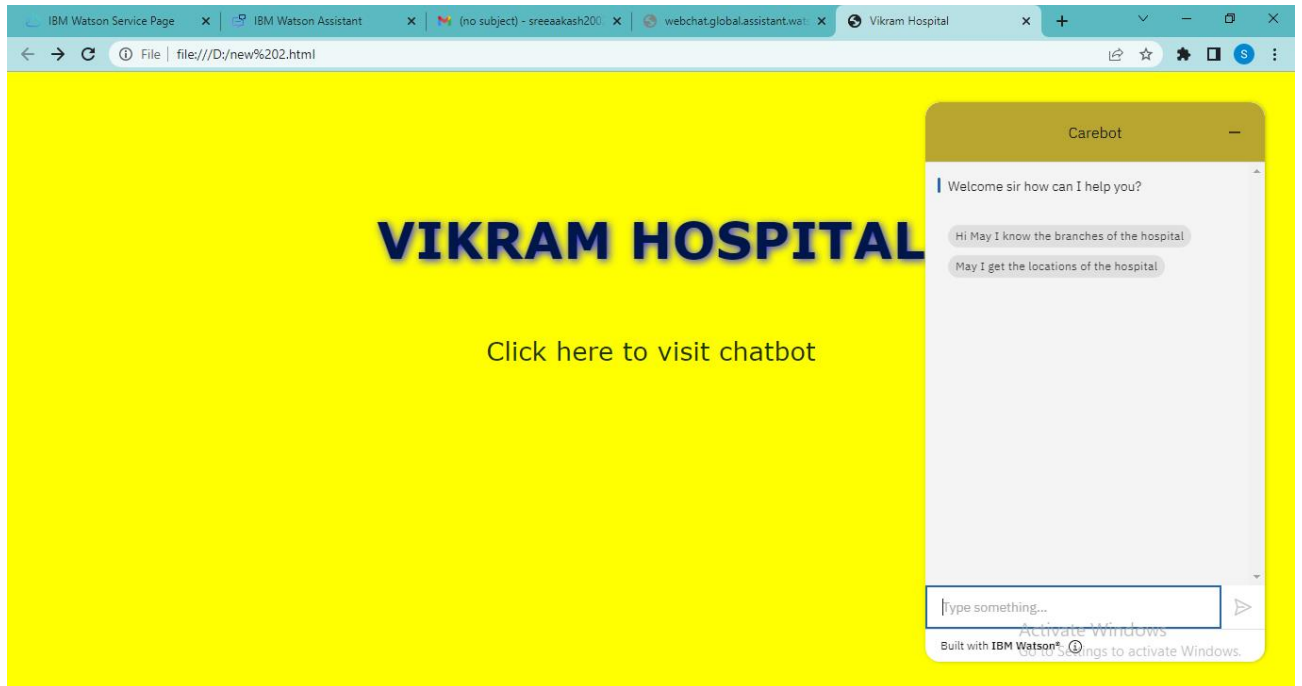
a {
color: rgb(25, 52, 0); text-decoration: none;
}
h1{
text-shadow: 2px 2px 8px #3333ff;
}

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>