

Assignment -3

Cloud Object Storage and Watson Assistant

Assignment Date	30 October 2022
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Maximum Marks	2 Marks

Question-1:

Create a Bucket in IBM object storage

Solution:

The screenshot shows the IBM Cloud Object Storage console. The left sidebar contains a navigation menu with options: Cloud Object Storage, Storage instances, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The 'Storage instances' section is expanded, showing 'Cloud Object Storage-hh'. The main content area is titled 'Buckets' and includes a description: 'Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.' Below this is a table with columns: Name, Public access, Location, Storage class, and Created. A single bucket named 'htmlpage' is listed with 'Yes' for public access, 'jp-tok' for location, 'Smart Tier' for storage class, and '2022-10-28 2:13 PM' for the creation time. A 'Create bucket' button is visible in the top right corner of the table area. The browser's address bar shows the URL 'cloud.ibm.com/objectstorage/cm%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F1a1f83fc2c2c402b8b4b24e620fd2e1%3A21e6fd62-8c3c-4189-899a-b69eb...'. The Windows taskbar at the bottom shows the time as 10:42 on 30-10-2022.

Name	Public access	Location	Storage class	Created
htmlpage	Yes	jp-tok	Smart Tier	2022-10-28 2:13 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 options: Cloud Object Storage, Storage Instances, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main area displays the 'htmlpage' bucket. A warning message states: 'Warning: All objects in this bucket have public view access.' Below this, a table lists the objects:

Object name	Archived	Size	Last modified
as...png		15.3 KB	2022-10-30 10:31 AM
ass...jif		6.5 KB	2022-10-30 10:31 AM
ass...jif		10.3 KB	2022-10-30 10:31 AM
ass...jif		10.0 KB	2022-10-30 10:32 AM
ho...il.jpg		182.9 KB	2022-10-30 10:21 AM

At the bottom of the console, there is a section for 'Public access'.

The 'Public access' settings are shown. 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 at the bottom.

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://htmlpage.s3.jp-tok.cloud-object-storage.appdomain.cloud/ass3-1.png"
alt = "hp" height = "240" width = "225" />
<img src =
"https://htmlpage.s3.jp-tok.cloud-object-storage.appdomain.cloud/ass3-2.jfif"
alt = "hp 1" height = "240" width = "225" />
<img src ="https://htmlpage.s3.jp-tok.cloud-object-storage.appdomain.cloud/ass3-3.jfif"
alt = "hp 2" height = "240" width = "225" />
<img src ="https://htmlpage.s3.jp-tok.cloud-object-storage.appdomain.cloud/ass3-4.jfif"
alt = "hp 3" height = "240" width = "225" />
<img src ="https://htmlpage.s3.jp-tok.cloud-object-storage.appdomain.cloud/hospital.jpg"
alt = "hp 4" height = "240" width = "225" />
</div><br><br><hr>
</body>
</html>
```



Image Gallery

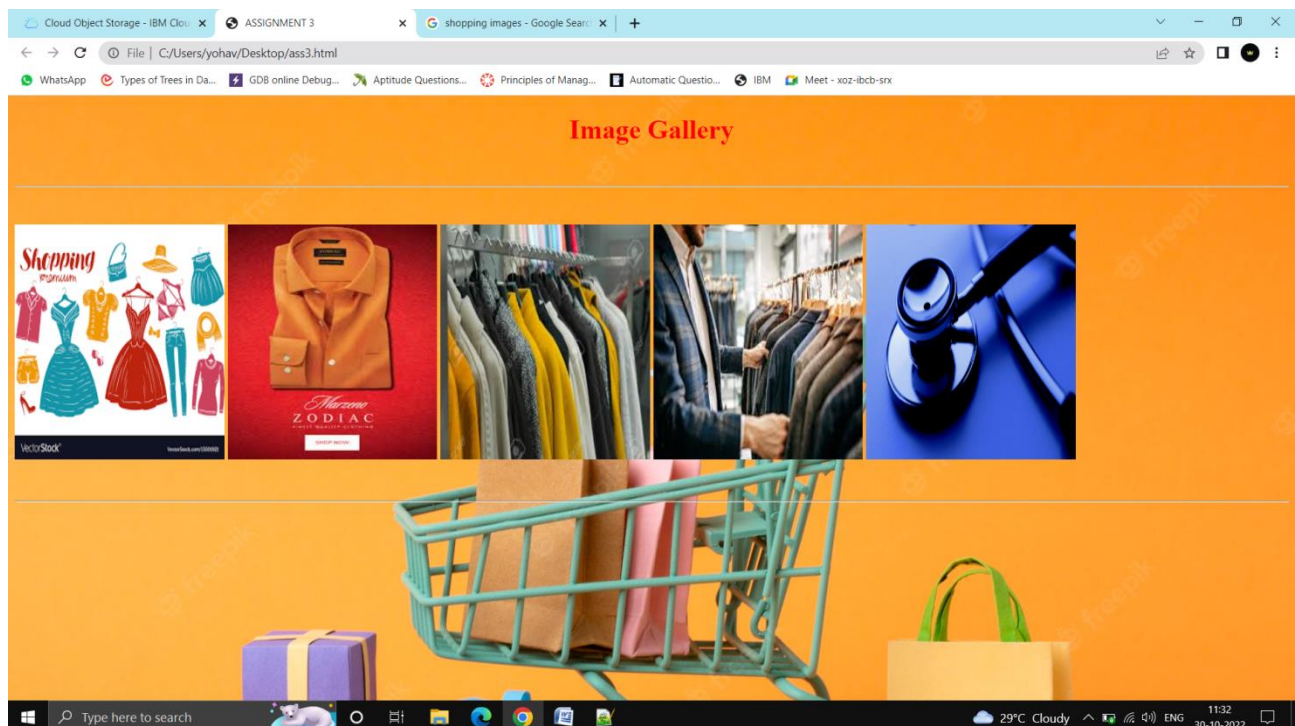
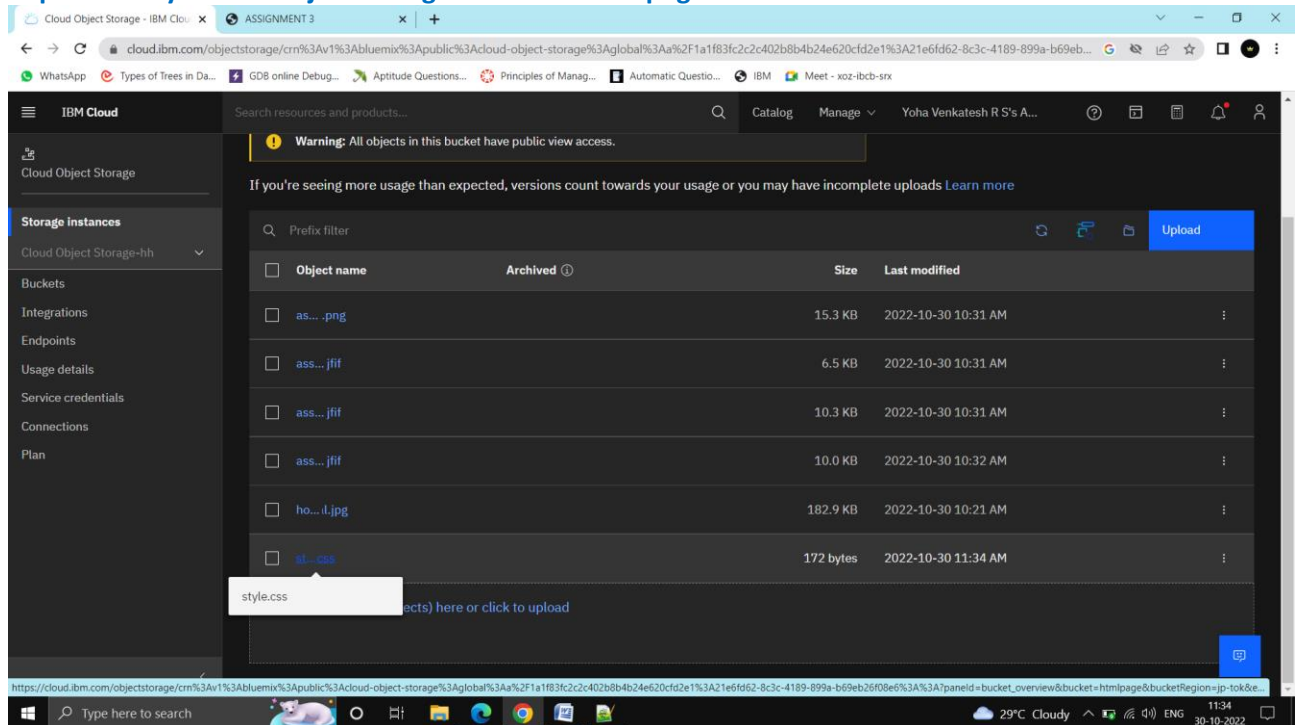


Question-3:

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

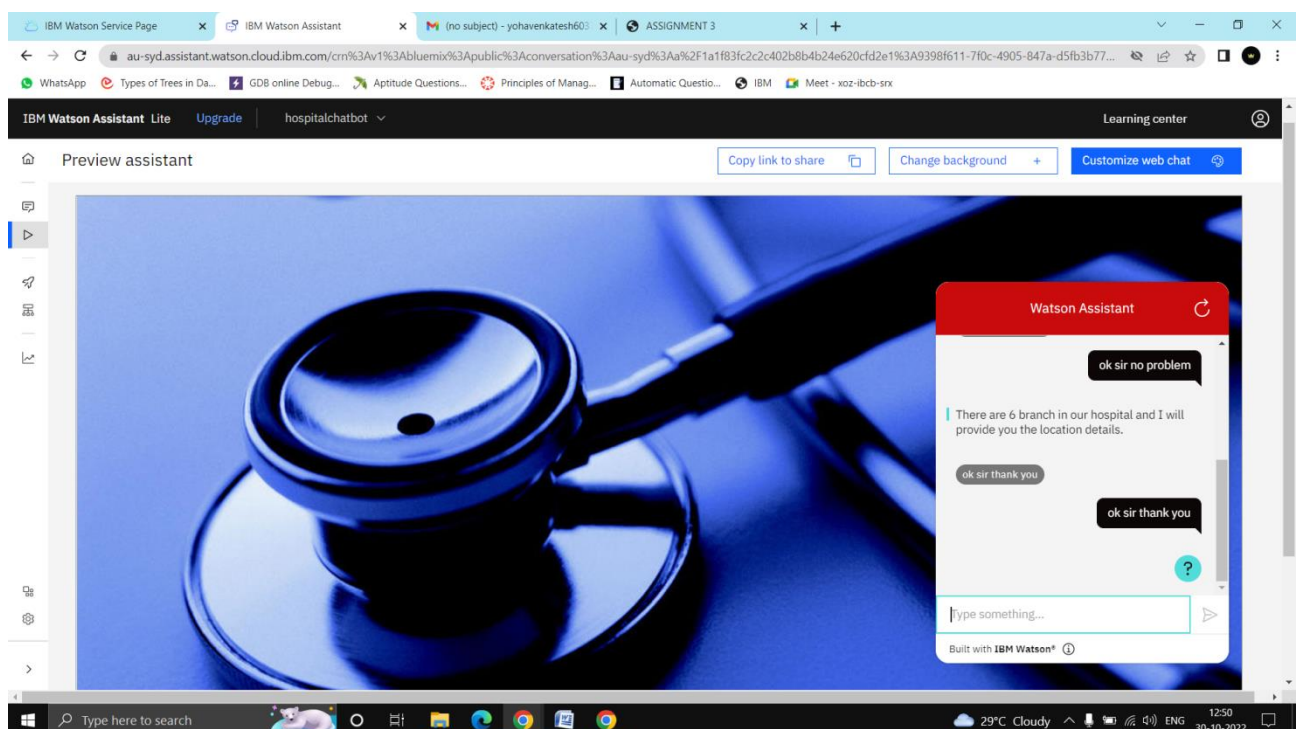
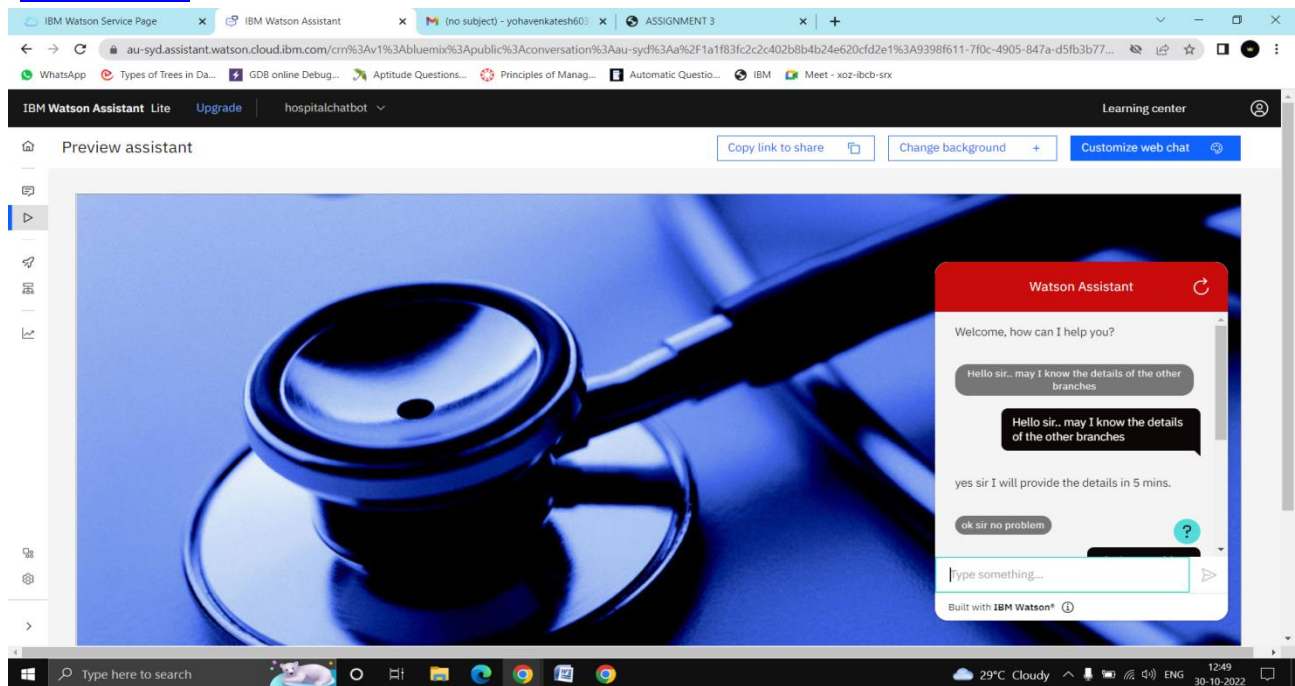


Question-4:

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://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageUrl=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-9398f611-7f0c-4905-847a-d5fb3b7768f1%3A%3A178e67ad-4cb3-4c35-821a-0d87d8b2df1c&integrationID=c431680e-608f-44ee-94c1-2ba1f23dd379®ion=au-syd&serviceInstanceID=9398f611-7f0c-4905-847a-d5fb3b7768f1>



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>Boss Hospital</title>
<style>
body {
font-family: Verdana, Geneva, Tahoma, sans-serif; background-color:cyan;
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>BOSS 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-9398f611-7f0c-4905-847a-
d5fb3b7768f1%3A%3A178e67ad-4cb3-4c35-821a-0d87d8b2df1c&integrationID=c431680e-608f-44ee-
94c1-2ba1f23dd379&region=au-syd&serviceInstanceID=9398f611-7f0c-4905-847a-d5fb3b7768f1">
Click Here to Open Chatbot
</a>
</center>
<!-- Embedded Code From Watson Assistant -->
<script>
window.watsonAssistantChatOptions = {
  integrationID: "c431680e-608f-44ee-94c1-2ba1f23dd379", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "9398f611-7f0c-4905-847a-d5fb3b7768f1", // 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:

