

### Assignment -3

#### Cloud Object Storage and Watson Assistant

Assignment Date	21 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 navigation options: Cloud Object Storage, Storage instances, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main 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 'buvisuriya' is listed with 'Yes' for public access, 'jp-tok' for location, 'Smart Tier' for storage class, and '2022-10-30 10:01 AM' for the creation time. A 'Create bucket' button is visible in the top right of the table area. The browser address bar shows the URL 'cloud.ibm.com/objectstorage/cm%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3AA%2Fccab352ca6b3473f82b9a4f4a2349333%3A99b1ded9-...'. The system tray at the bottom indicates a temperature of 27°C, haze, and the time 10:47 am on 30/10/2022.

Name	Public access	Location	Storage class	Created
buvisuriya	Yes	jp-tok	Smart Tier	2022-10-30 10:01 AM

## 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, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area displays a bucket named 'Cloud Object Storage-h4'. A warning message states: 'Warning: All objects in this bucket have public view access.' Below this, a table lists the objects in the bucket:

Object name	Archived	Size	Last modified
depositphotos_6927208...playing-volleyball.jpg		19.6 KB	2022-10-30 10:06 AM
photo-161287... 876e2e67d1.jpg		100.5 KB	2022-10-30 10:06 AM
two-men-plays-volle...et_634954-457.webp		154.4 KB	2022-10-30 10:06 AM
volleyb...:king.png		17.2 KB	2022-10-30 10:06 AM
volleyball-pl...or-890171.jpg		147.2 KB	2022-10-30 10:06 AM

Below the table is a dashed box with the text 'Drag and drop files (objects) here or click to upload' and an 'Upload' button. The bottom part of the screenshot shows the 'Public access' settings for the bucket. 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' and the role is 'Content Reader'. A 'Create access policy' button 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://buvisuriya.s3.jptok.cloudobjectstorage.appdomain.cloud/depositphotos_
69272087-stock-photo-young-beautiful-girls-playing-volleyball.jpg"
" alt = "hp" height = "240" width = "225" />
<img src= "https://buvisuriya.s3.jp-tok.cloud-object-storage.appdomain.cloud/photo-
1612872087720-bb876e2e67d1.jpg" alt = "hp 1" height = "240" width = "225" />

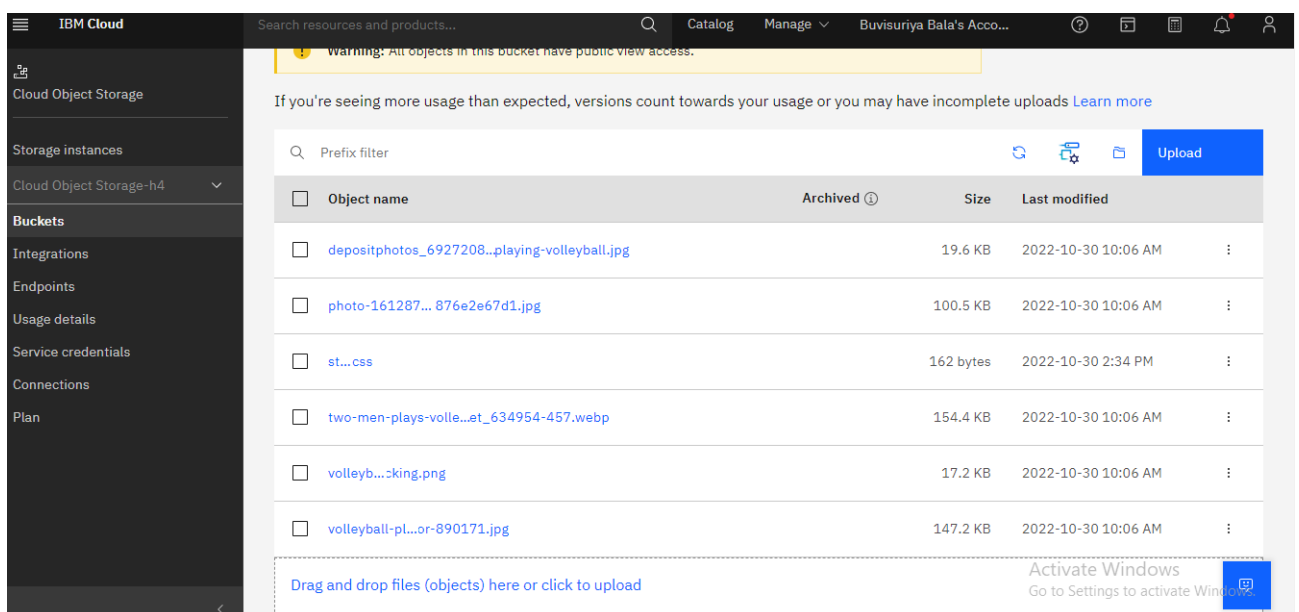
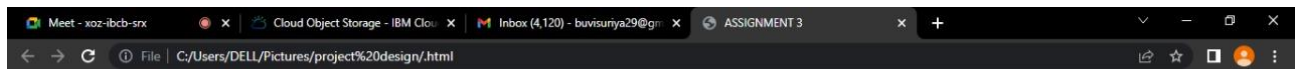
<img src= "https://buvisuriya.s3.jp-tok.cloud-object-storage.appdomain.cloud/volleyball-
attacking.png" alt = "hp 3" height = "240" width = "225" />
<img src = "https://buvisuriya.s3.jp-tok.cloud-object-storage.appdomain.cloud/volleyball-players-
vector-890171.jpg"
alt = "hp 4" height = "240" width = "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



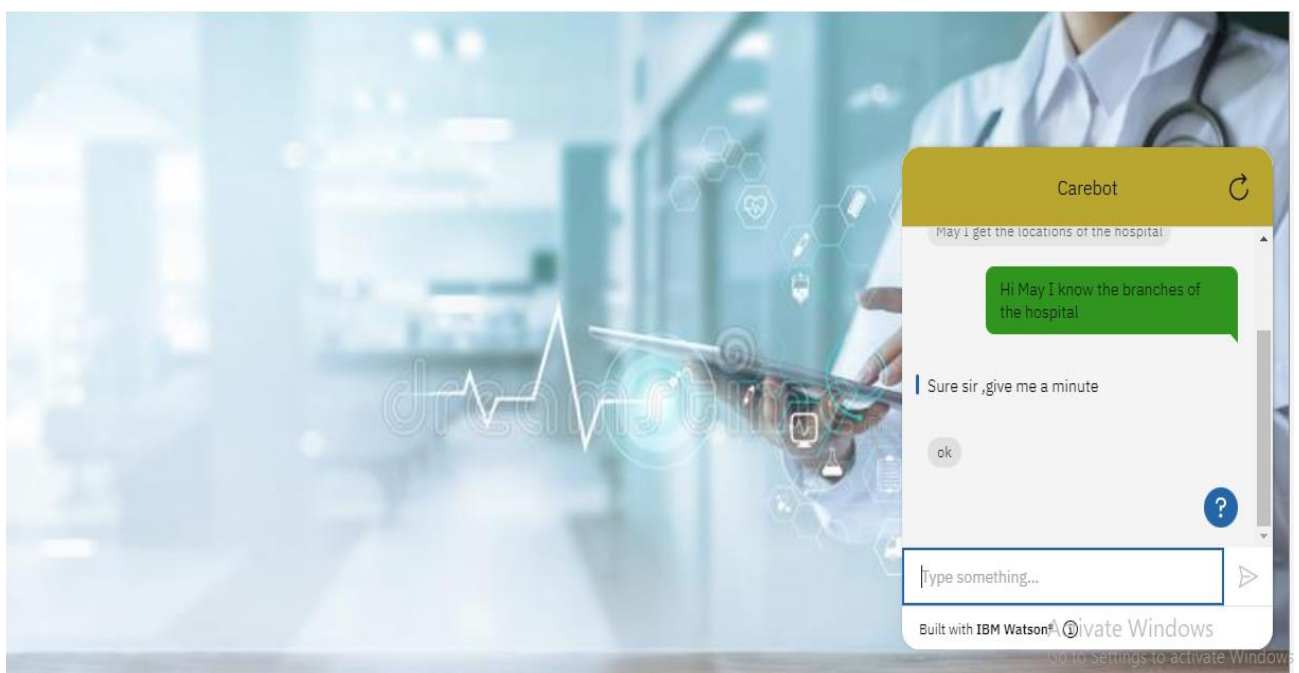
#### Question-4:

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&region=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);
}

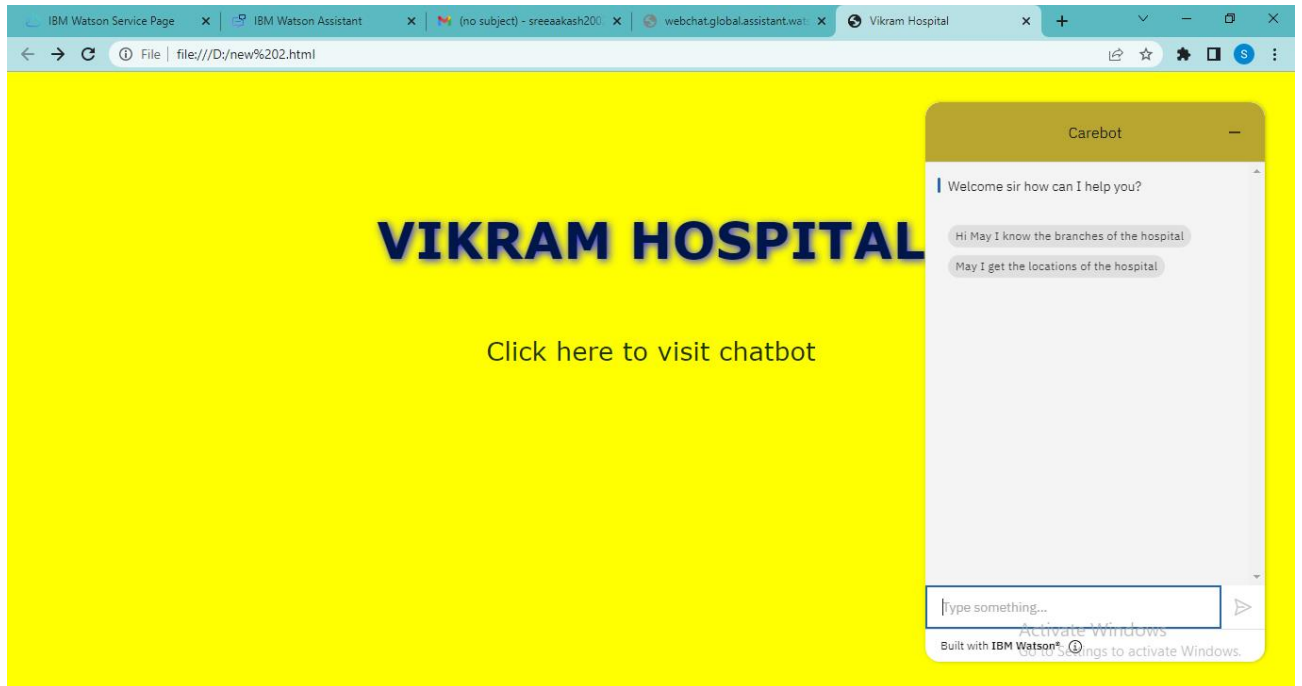
a {
color: rgb(25, 52, 0); text-decoration: none;
}
h1{
text-shadow: 2px 2px 8px #3333ff;
}

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&region=au-syd&serviceInstanceID=b00413d1-c49c-463a-bfeb-8611e043ea8b>