ASSIGNMENT NO. : 3

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REGISTER NO. : 211519104130

PROJECT NAME : PLASMA DONOR APPLICATION

DOMAIN NAME : CLOUD APPLICATION DEVELOPMENT
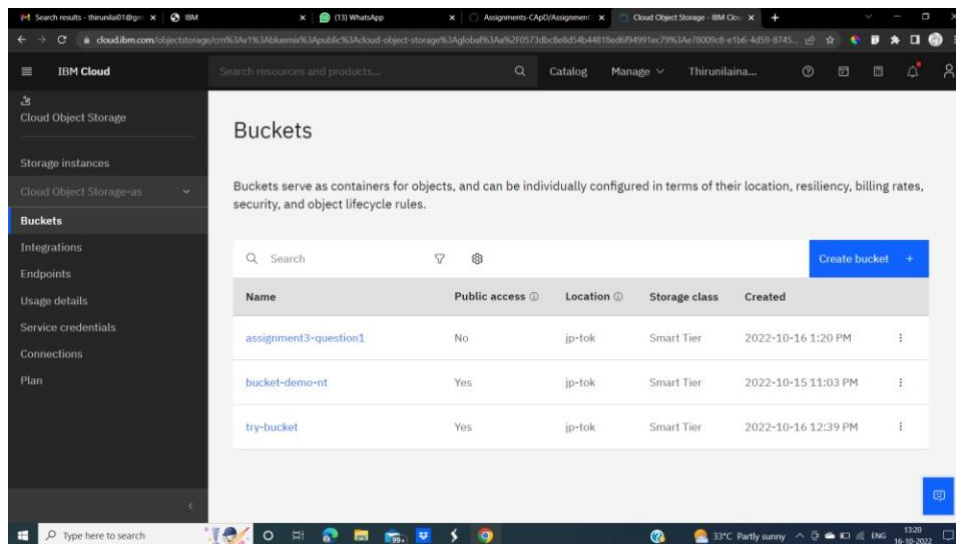
TEAM ID : PNT2022TMID25930

Question 1: Create a Bucket in IBM object storage.
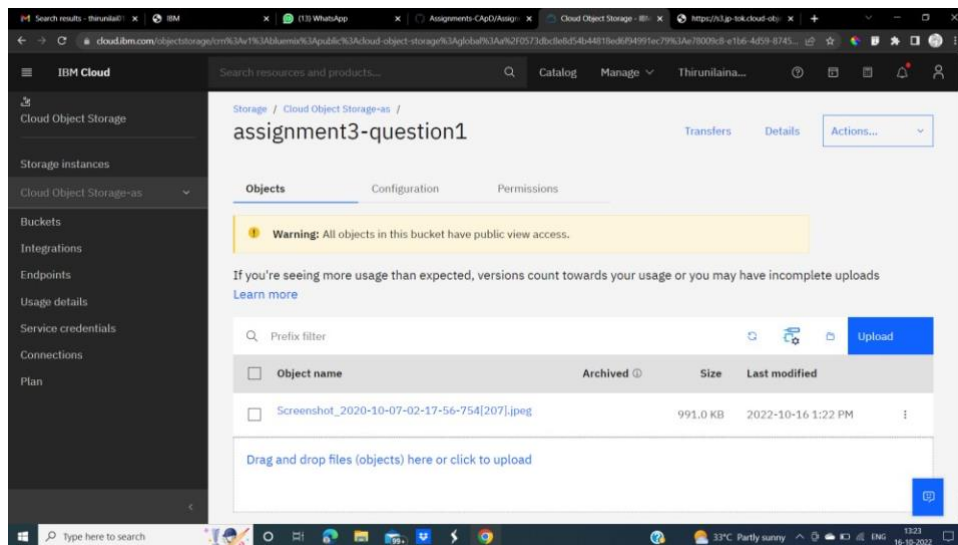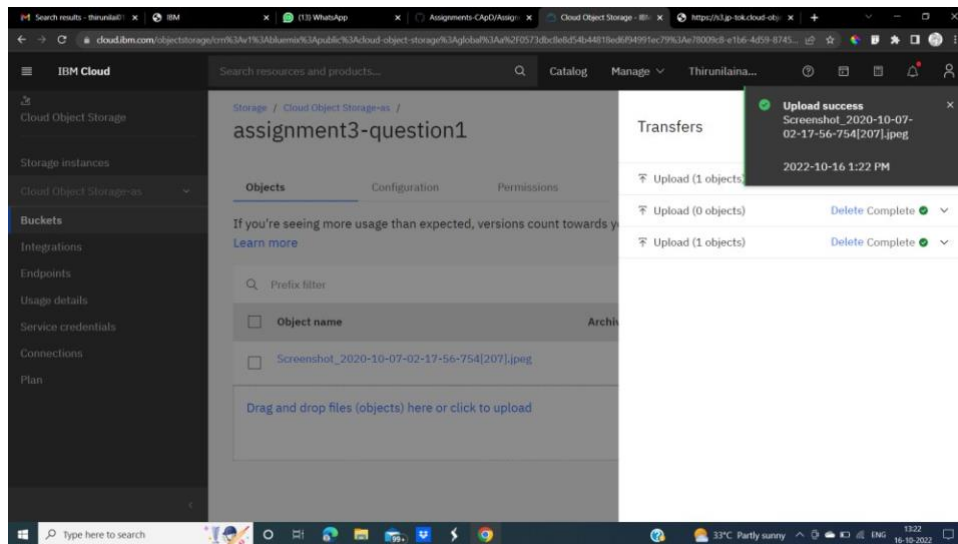
Solution:

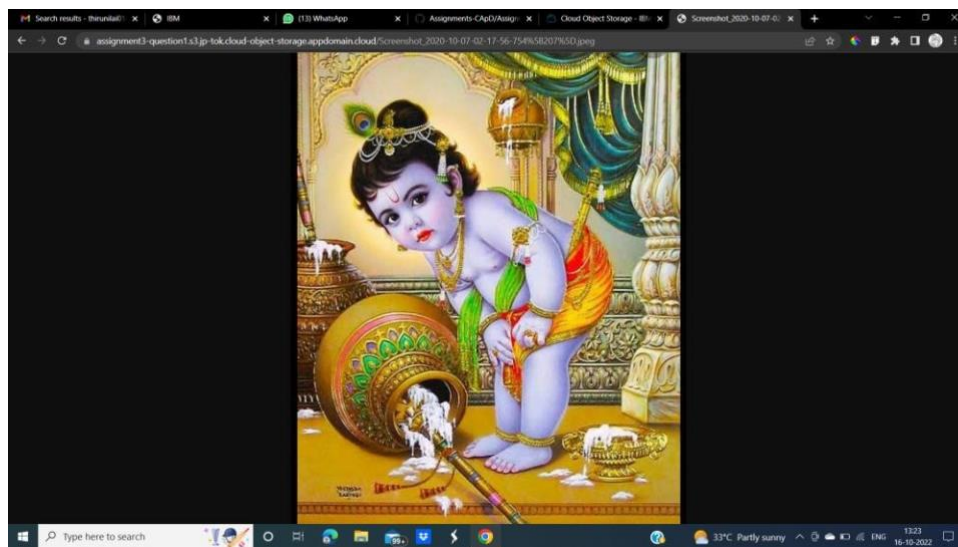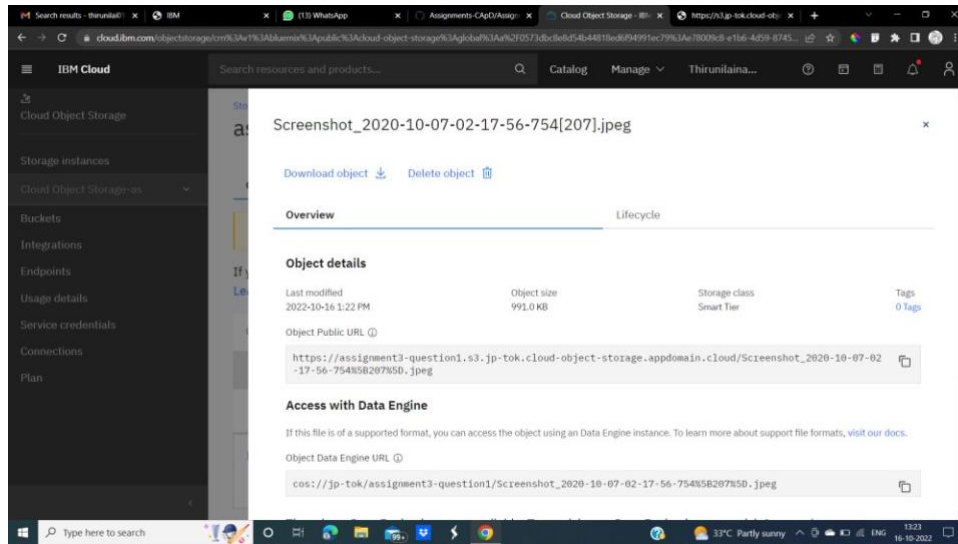The name of the bucket which I have created is *assignment3-question1* . I have uploaded an image to that bucket as well. The public URL of the image is also provided below. Screenshots of the bucket is also attached for assignment purpose
Public URL:

https://assignment3-question1.s3.jp-tok.cloud-objectstorage.appdomain.cloud/Screenshot_2020-10-07-02-17-56-754%5B207%5D.jpeg **Bucket Screenshots:**

Screenshot_2020-10-07-02-17-56-754[207].jpeg

Download object   Delete object

Overview   Lifecycle

Object details

Last modified	Object size	Storage class	Tags
2022-10-16 1:22 PM	991.0 KB	Smart Tier	0 Tags

Object Public URL

https://assignment3-question1.s3.jp-tok.cloud-object-storage.appdomain.cloud/Screenshot_2020-10-07-02-17-56-754%5B207%5D.jpeg

Access with Data Engine

If this file is of a supported format, you can access the object using an Data Engine instance. To learn more about support file formats, visit our docs.

Object Data Engine URL

cos://jp-tok/assignment3-question1/Screenshot_2020-10-07-02-17-56-754%5B207%5D.jpeg

Question 2: Upload any 5 images to IBM object storage and make it public. write html code to display all the 5 images <u>Solution:</u>

<u>Public URL of the 5 images:</u>

https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/IBM-Watson-Assistant-blog-banner.jpg

https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/ibm-cloud.png

https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/ibm-db2.png

https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/kubernetes.png

https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/mongodb.png

BucketImage.html

```html
<html>
<body>
<center>
<h1>This page consists of images which are uploaded in IBM Object Storage Bucket</h1>
<p>
Totally five images were uploaded to the bucket named *assignment3-question2*. Those images are shown below
</p>
</center>
```
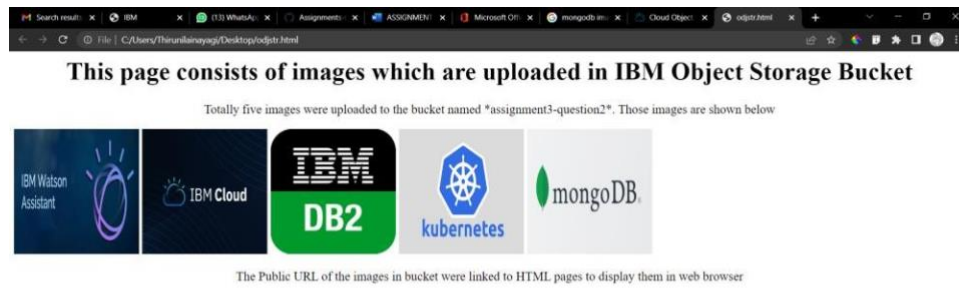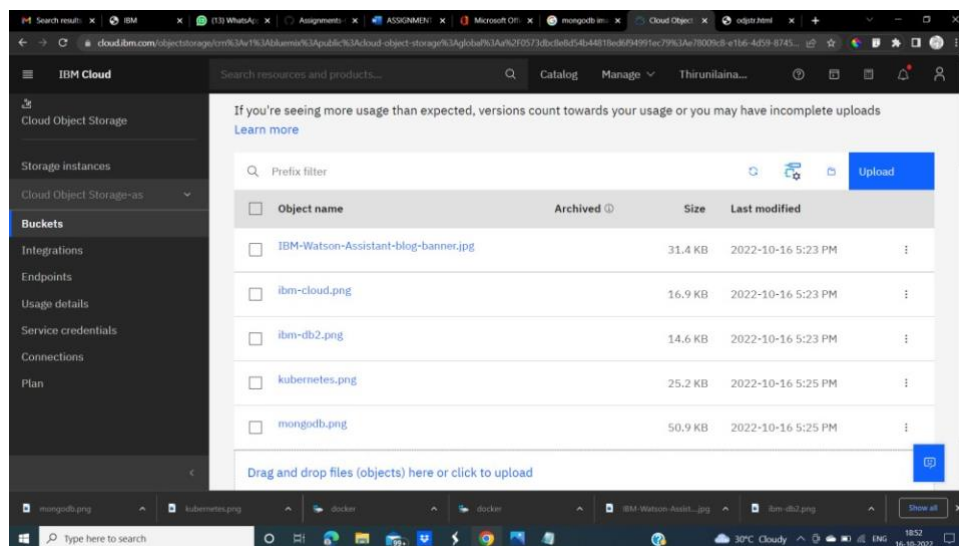
```html
<div class="images">

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/IBM-Watson-Assistant-blog-banner.jpg" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/ibm-cloud.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/ibm-db2.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/kubernetes.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/mongodb.png" width="200" height="200" />

</div>

<center>

<p>The Public URL of the images in bucket were linked to HTML pages to display them in web browser</p>

</center>

</body>
</html>
```
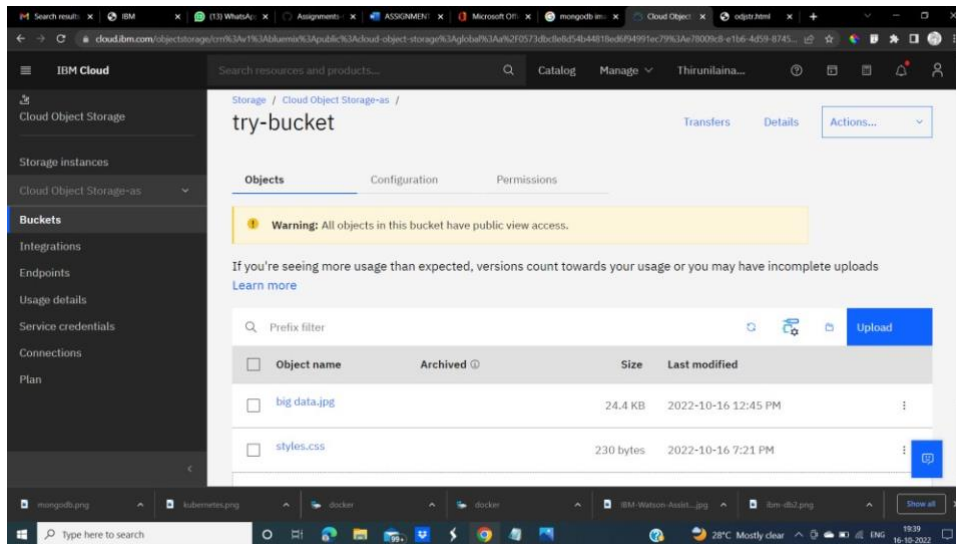
 Output:

Bucket containing all 5 images

Question 3: Upload a css page to the object storage and use the same page in your HTML code

Solution:

Public URL of CSS page:

https://try-bucket.s3.jp-tok.cloud-object-storage.appdomain.cloud/styles.css **CSS**

Page in Bucket

BucketImage.html

 <html>

<head>

<link rel="stylesheet" href="https://try-bucket.s3.jp-tok.cloud-objectstorage.appdomain.cloud/styles.css" />

</head>

<body>

<center>

<h1>This page consists of images which are uploaded in IBM Object Storage Bucket</h1>

<p>

Totally five images were uploaded to the bucket named *assignment3-question2*. Those images are shown below

```html
</p>

</center>

<div class="images">

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/IBM-Watson-Assistant-blog-banner.jpg" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/ibm-cloud.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/ibm-db2.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/kubernetes.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-objectstorage.appdomain.cloud/mongodb.png" width="200" height="200" />

</div>

<center>

<p>The Public URL of the images in bucket were linked to HTML pages to display them in web browser</p>

</center>

</body>

</html>
```

Styles.css h1

{ color:blue;

}

p {

color:green;

}

body

```
{
background-color:pink;
}
.images
{ border:10px solid red;
margin: 10px; padding: 20px;
display: flex; justify-content:
space-evenly; background-
color:coral;
}
```

Output:

Question 4 :Create a chatbot using IBM Watson Assistant. Submit the URL of the web chat bot as assignment Solution:

The name of the chatbot which I created is Hospital Conversation. I have given the URL of the chatbot(Script tag content) here .

URL

```
<script>   window.watsonAssistantChatOptions = {     integrationID:
"2613933a-4c8a-481e-864e-0dd199d669d4", // The ID of this integration.
region: "au-syd", // The region your integration is hosted in.

   serviceInstanceID: "59b2d84d-0e3b-413c-bd0a-f8ddc6a8ab0a", // 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>
```
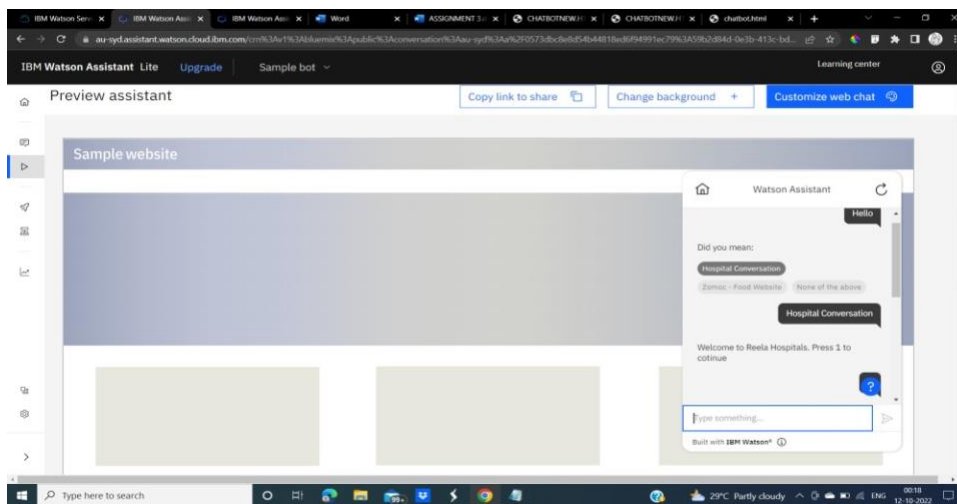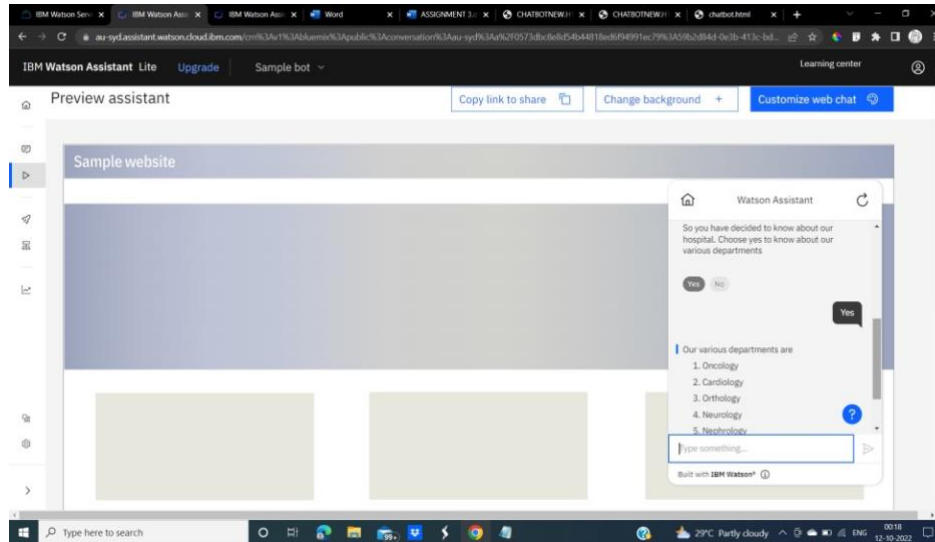
OUTPUT:

Question 5 : Create Watson Assistant service with 10 steps and 3 conditions. Load that script in HTML.

Solution:

Chatbot.html

<html>

<body style="background-color:pink">

<center>

<h1 style="color:red">WELCOME TO IBM WATSON ASSISTANT CHATBOT FEATURE</h1>

<h3 style="color:blue">This page is created with the intent to show the demo of IBM Watsan Assistant Feature.</h3>

<p style="color:green">Note:Click on the chatbot icon at the right side bottom of this web page to use the chatbot</p>

</center> <script>   window.watsonAssistantChatOptions = {   integrationID:

"2613933a-4c8a-481e-864e-0dd199d669d4", // The ID of this integration.

```
    region: "au-syd", // The region your integration is hosted in.

    serviceInstanceID: "59b2d84d-0e3b-413c-bd0a-f8ddc6a8ab0a", // 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: