

ASSIGNMENT NO. : 3

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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-object-storage.appdomain.cloud/Screenshot_2020-10-07-02-17-56-754%5B207%5D.jpeg

Bucket Screenshots:

IBM Cloud

Search resources and products...

Catalog Manage Thirunilaina...

Cloud Object Storage

Storage instances

Cloud Object Storage-as

Buckets

Integrations

Endpoints

Usage details

Service credentials

Connections

Plan

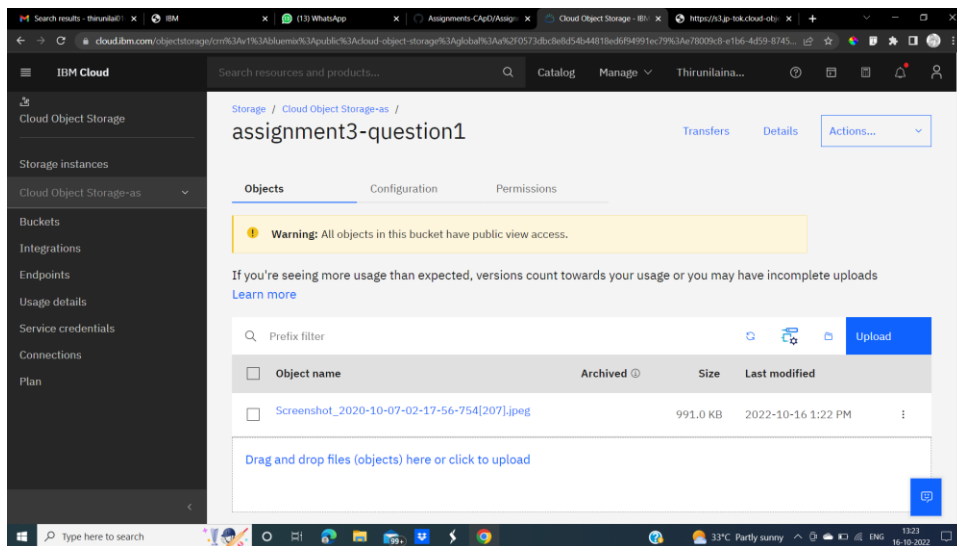
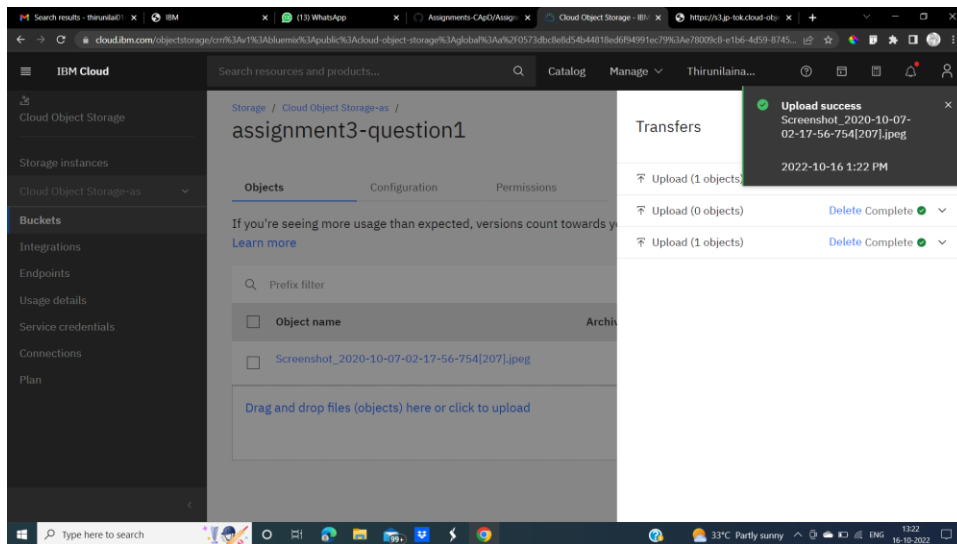
Buckets

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
assignment3-question1	No	jp-tok	Smart Tier	2022-10-16 1:20 PM
bucket-demo-nt	Yes	jp-tok	Smart Tier	2022-10-15 11:03 PM
try-bucket	Yes	jp-tok	Smart Tier	2022-10-16 12:39 PM



Search results - thirunilai x IBM x (13) WhatsApp x Assignments-Capt/Assign x Cloud Object Storage - IBM x https://s3.jp-tok.cloud-obj-...

cloud.ibm.com/objectstorage/omf3a7f1%3Apublic%3Acloud-object-storage%3Aglobal%3Aus%2F0573bdc6b54b44018e6f94991ec79%3Ae7800%3Ae1156-4459-8745...

IBM Cloud

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Cloud Object Storage

Storage instances

Cloud Object Storage-as

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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](#).

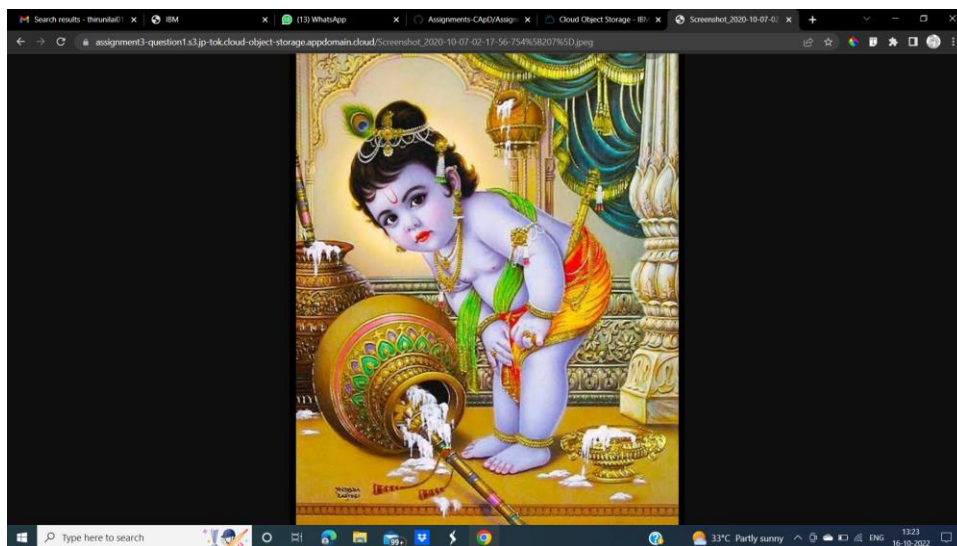
Object Data Engine URL

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

Type here to search

33°C Partly sunny

13:23 16-10-2022



**Question 2: Upload any 5 images to IBM object storage and make it public.
write html code to display all the 5 images**

Solution:

Public URL of the 5 images:

<https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/IBM-Watson-Assistant-blog-banner.jpg>

<https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/ibm-cloud.png>

<https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/ibm-db2.png>

<https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/kubernetes.png>

<https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/mongodb.png>

BucketImage.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>

<div class="images">

</div>

<center>

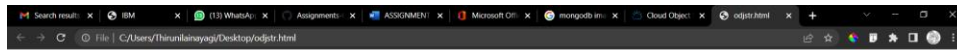
<p>The Public URL of the images in bucket were linked to HTML pages to display them in web browser</p>

</center>

</body>

</html>

Output:

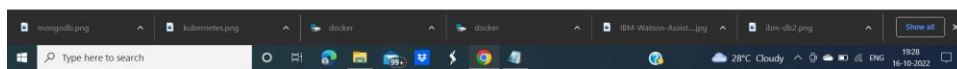


This page consists of images which are uploaded in IBM Object Storage Bucket

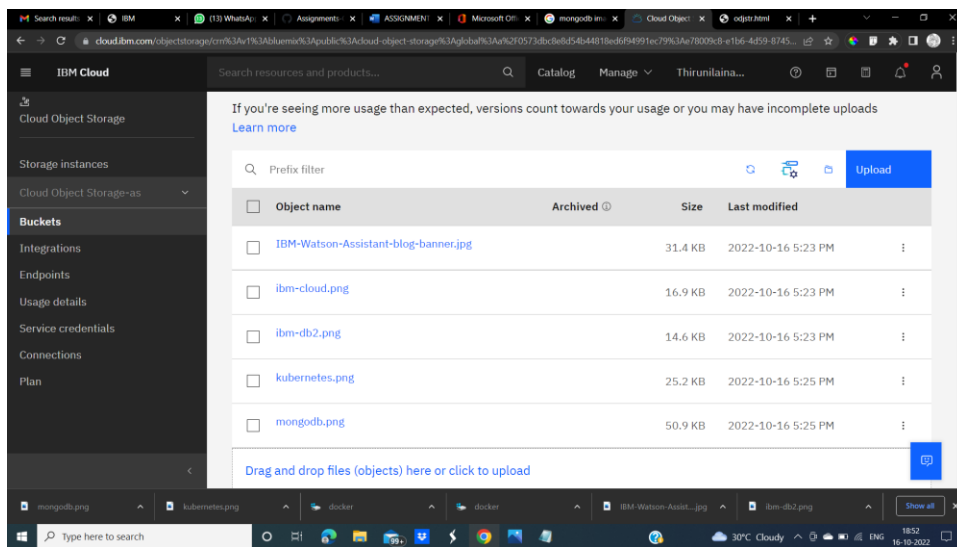
Totally five images were uploaded to the bucket named "assignment3-question2". Those images are shown below



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



Bucket containing all 5 images



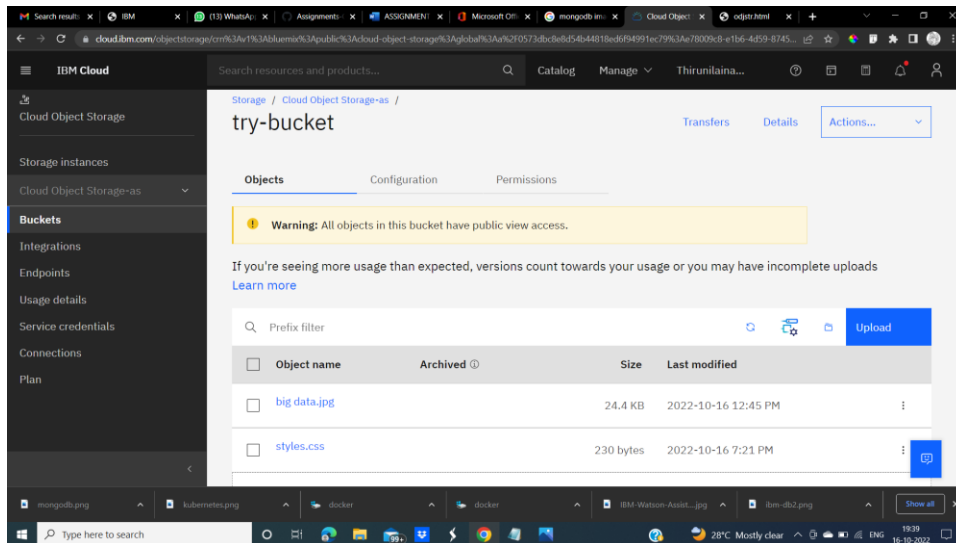
Question 3: Upload a css page to the object storage and use the same page in your HTML code

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-object-storage.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

</p>

</center>

<div class="images">

</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

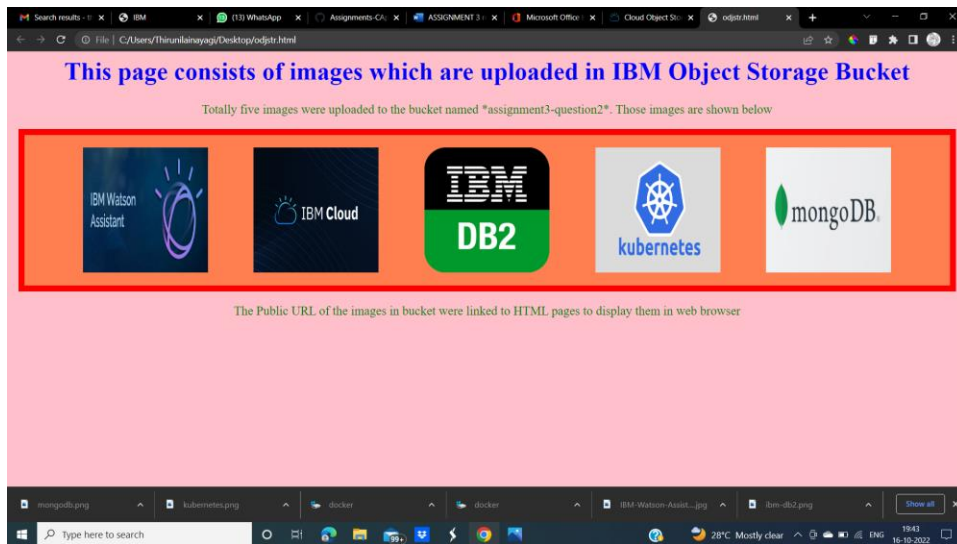
{

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(); }
```

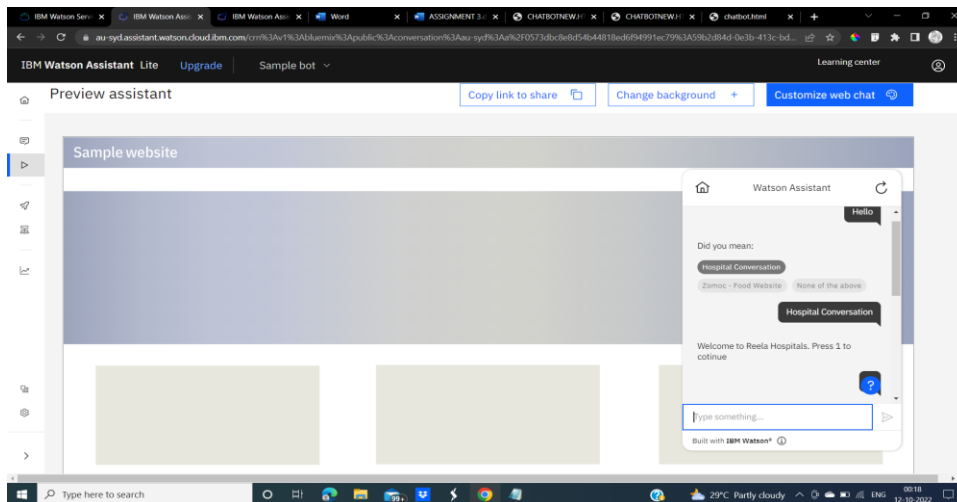
```
};
```

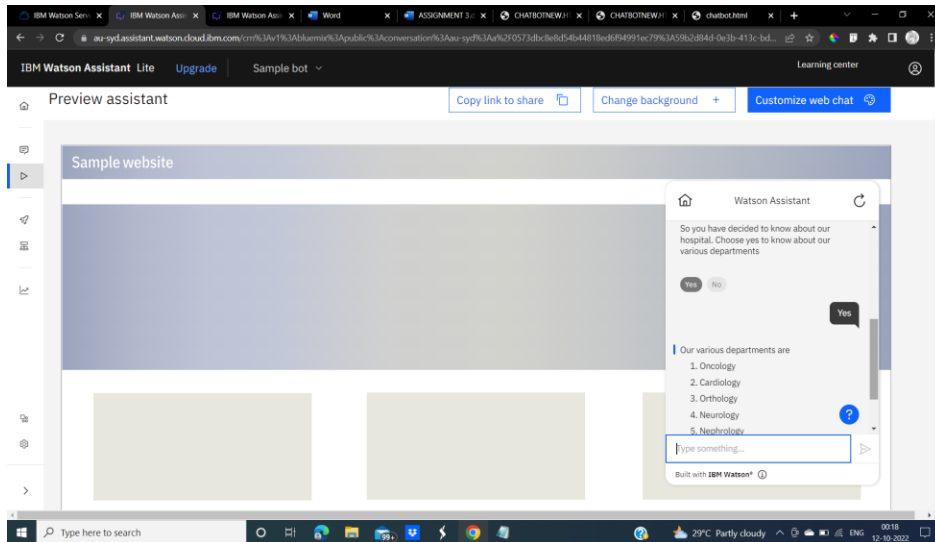
```
setTimeout(function(){
```

```
  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:

