

ASSIGNMENT 3

CLOUD OBJECT STORAGE, WATSON ASSISTANT

Assignment Date	8 th October 2022
Student Name	Joshinlisbon N
Student Roll No	19CS036
Maximum Marks	2

Questions:

1. Create a Bucket in IBM object storage.

Bucket details [Show less](#)

Bucket name	cloud-object-storage-ht-cos-static-web-hosting-5hi	Total bytes	0 bytes
Service instance	cloud-object-storage	Resiliency	Regional
Total objects	0	Location	jp-tok
Storage class	Smart Tier ⓘ	Date created	2022-10-01 3:27 PM

Cloud Functions trigger Disabled [Learn more](#)

Bucket instance CRN
This value identifies the service instance when listing or creating buckets via the API. [Learn more](#)

```
crn:v1:bluemix:public:cloud-object-storage:global:a/19500340606e411baa67922289f29ac6:422cac5b-8c11-4308-90de-3d8fabfc52fe:bucket:cloud-object-storage-ht-cos-static-web-hosting-5hi
```

Service credential [Show less](#)

Key name	cloud-object-storage-ht-cos-static-web-hosting-5hi	Date created	2022-10-01 3:27 PM
-----------------	--	---------------------	--------------------

Service credential
Only for service instance

```
{  "apikey": "t1rFq6Yz0VmcIpoM_Mf-RApTnwbVd7XDpFPa6U75Mhn7",  "endpoints": "https://control.cloud-object-storage.cloud.ibm.com/v2/endpoints",  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloud-object-storage:global:a/19500340606e411baa67922289f29ac6:422cac5b-8c11-4308-90de-3d8fabfc52fe:resource-key:7ad374e3-274c-4b20-865d-36c4eb2ea6fd",  "iam_apikey_name": "cloud-object-storage-ht-cos-static-web-hosting-5hi",  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Writer",  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity:a/19500340606e411baa67922289f29ac6::serviceid:ServiceId-1fed02fa-5ef0-4093-b618-86482b6597d3",  "resource_instance_id": "crn:v1:bluemix:public:cloud-object-storage:global:a/19500340606e411baa67922289f29ac6:422cac5b-8c11-4308-90de-3d8fabfc52fe::"}
```

2. Upload an 5 images to IBM object storage and make it public. write html code to displaying all the 5 images.

OBJECTS

Storage / Cloud Object Storage-ht /

cloud-object-storage-ht-cos-static-web-hosting-5hi

Transfers Details Actions...

Objects Configuration Permissions

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)

Prefix filter

Object name	Archived ⓘ	Size	Last modified
		14.1 KB	2022-10-01 3:29 PM
		53.6 KB	2022-10-01 3:28 PM
		56.5 KB	2022-10-01 3:28 PM
		27.6 KB	2022-10-01 3:29 PM
		10.0 KB	2022-10-01 3:28 PM

Access policies

Public access

Status: **Enabled**

Role for this bucket:

Content Reader

HTML CODE

```
objectstorage.html x DBconnection.py style.css homepage.html register.html login.html app.py
<!DOCTYPE html>
<html lang="en" xmlns="http://www.w3.org/1999/xhtml">
<head>
<style>
img{
width: 200px;
height:200px;
}
</style>
<meta charset="utf-8" />
<title>CLOUD OBJECT STORAGE</title>
</head>
<body>

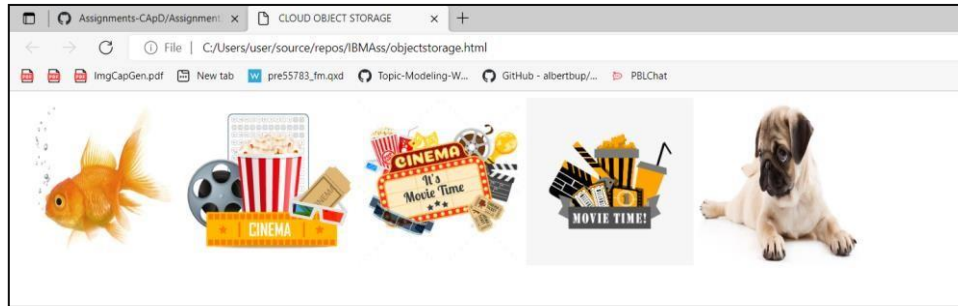




</body>
</html>
```

```
Developer PowerShell
+ Developer PowerShell | |
*****
** Visual Studio 2022 Developer PowerShell v17.3.4
** Copyright (c) 2022 Microsoft Corporation
*****
PS C:\Users\user\source\repos\IBMAss> start objectstorage.html
```

OUTPUT



3. Upload a CSS page to the object storage and use the same page in your HTML code.

```
cssfile.css  objectstorage.html  DBconnection.py  style.css

body
{
    background-color: darkslategray;
}

img {
    width: 200px;
    height: 200px;
}
```

```
cssfile.css  objectstorage.html  DBconnection.py  style.css  homepage.html  register.html  login.html  app.py

<!DOCTYPE html>

<html lang="en" xmlns="http://www.w3.org/1999/xhtml">
<head>
<link rel="stylesheet" href="https://s3.jp-tok.cloud-object-storage.appdomain.cloud/cloud-object-storage-ht-cos-static-web-hosting-5hi/cssfile.css" />
<meta charset="utf-8" />
<title>CLOUD OBJECT STORAGE</title>
</head>
<body>





</body>
</html>
```

cloud-object-storage-ht-cos-static-web-hosting-5hi

Transfers Details Actions...

Objects Configuration Permissions

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)

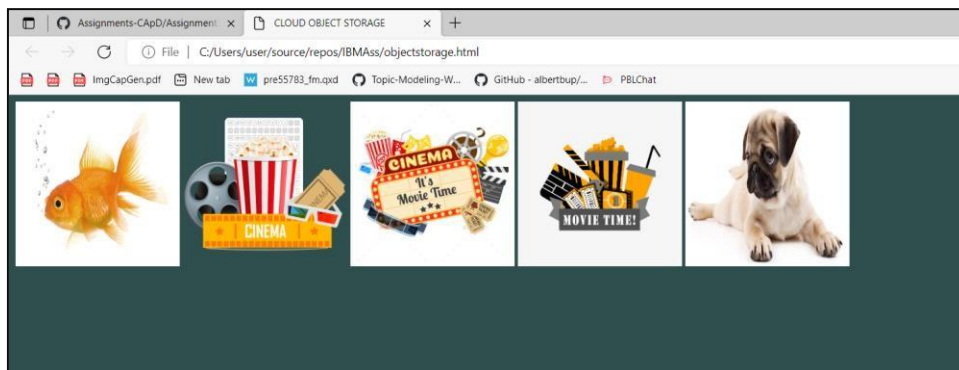
Prefix filter

Upload

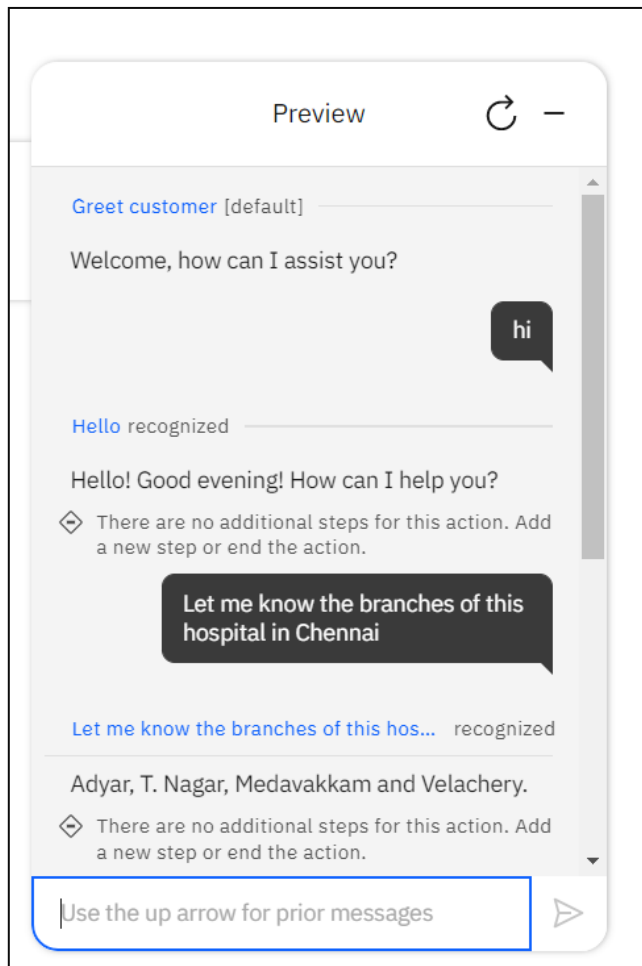
<input type="checkbox"/>	Object name	Archived ⓘ	Size	Last modified	
<input type="checkbox"/>	IMG.png		14.1 KB	2022-10-01 3:29 PM	⋮
<input type="checkbox"/>	cinema.jpg		53.6 KB	2022-10-01 3:28 PM	⋮
<input type="checkbox"/>	cssfile.css		100 bytes	2022-10-01 4:23 PM	⋮
<input type="checkbox"/>	fish.jpg		56.5 KB	2022-10-01 3:28 PM	⋮
<input type="checkbox"/>	movie.jpg		27.6 KB	2022-10-01 3:29 PM	⋮
<input type="checkbox"/>	puppy.jpg		10.0 KB	2022-10-01 3:28 PM	⋮

```
Developer PowerShell
+ Developer PowerShell
*****
** Visual Studio 2022 Developer PowerShell v17.3.4
** Copyright (c) 2022 Microsoft Corporation
*****
PS C:\Users\user\source\repos\IBMAss> start objectstorage.html
```

OUTPUT



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.



PREVIEW LINK: <https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageUrl=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-73dbe634-64a5-4752-8997-7dec630f86f0%3A%3Aa66b9cf4-cc3a-4eaa-973f-243af94c11f9&integrationID=8b6d84cb-e703-4be3-ae3e-2d69b53720a6®ion=au-syd&serviceInstanceID=73dbe634-64a5-4752-8997-7dec630f86f0>

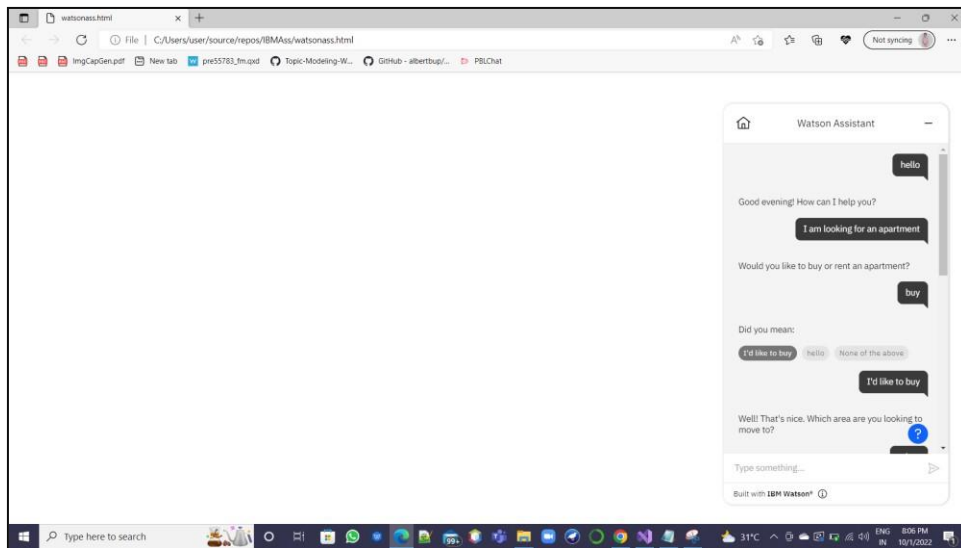
5. Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page.

```

watson.html  X  console  objectstorage.html  D3connection.js  style.css  homepage.html  register.html  login.html  app.js
<doctype html>
<html>
<body>
<script>
window.watsonAssistantChatOptions = {
  integrationID: "ce6a0d1-ecb1-4a10-8a05-f99a5d9dndf", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "73dbe634-64a5-4752-8997-7dec630f86f0", // 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);
}, 1000);
</script>
</body>
</html>

```

```
100 % No issues found
Developer PowerShell
+ Developer PowerShell
PS C:\Users\user\source\repos\IBMAss> start watsonass.html
PS C:\Users\user\source\repos\IBMAss>
```



PREVIEW LINK: <https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fa-u-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-73dbe634-64a5-4752-8997-7dec630f86f0%3A%3A8cdddd09-1283-4299-8b44-1391a01346ac&integrationID=cef0ae01-ec81-4814-8ca5-f595a5d9a4df®ion=au-syd&serviceInstanceID=73dbe634-64a5-4752-8997-7dec630f86f0>