

Name	Aravindan S
Roll No	SSNCE195001023
Date	30 October 2022
Team ID	PNT2022TMID53036
Project Name	Project - Personal Expense Tracker

Assignment - 3

Object Storage and Watson Chat Bot

Question

1. Create a Bucket in IBM object storage.
2. Upload an 5 images to ibm object storage and make it public. write html code to displaying all the 5 images.
3. Upload a css page to the object storage and use the same page in your HTML code.
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.
5. Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page.

Solutions

1. Create a Bucket in IBM object storage

- Create a object storage from the catalog in IBM Cloud
- Create a new bucket in the object storage
- An unique name should be given to new bucket

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.

Q

Search

Create bucket

+

Name	Public access ⓘ	Location ⓘ	Storage class	Created	
test-bucket-assignment-3	No	jp-tok	Smart Tier	2022-10-21 2:38 AM	⋮

Storage / Cloud Object Storage-on /

test-bucket-assignment-3

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](#)

Q Prefix filter

Upload

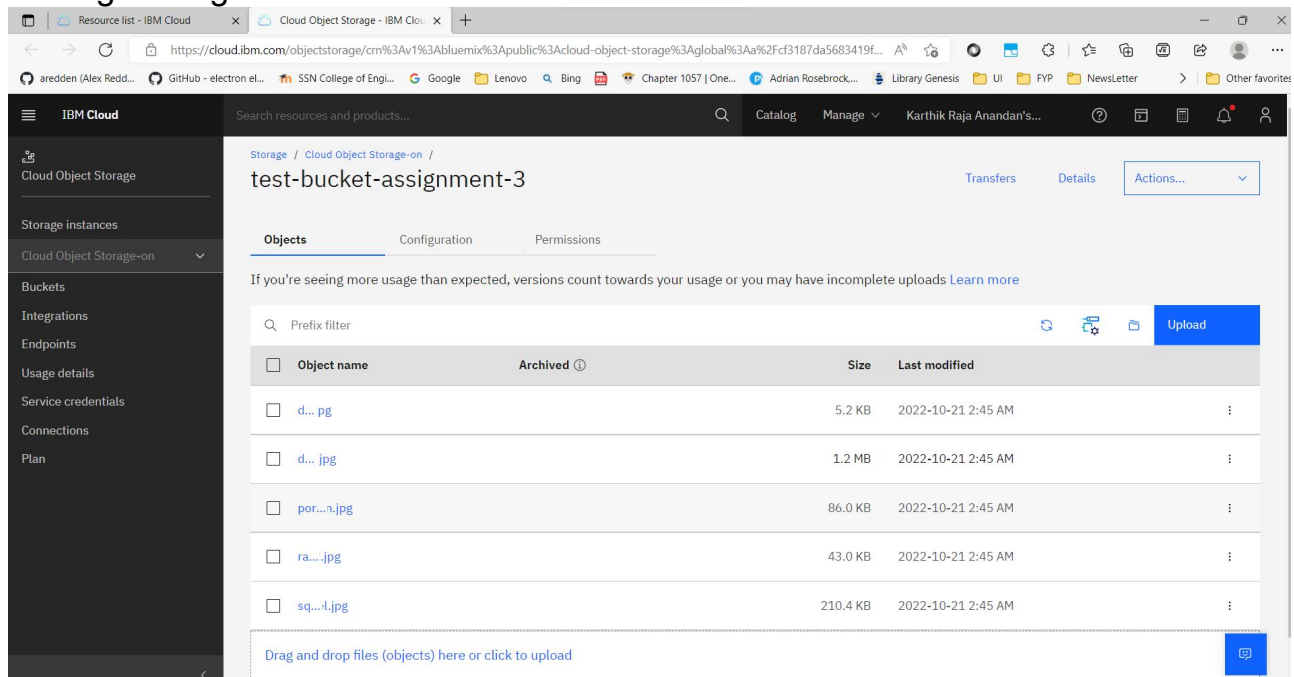
<input type="checkbox"/>	Object name	Archived ⓘ	Size	Last modified	
<input type="checkbox"/>	d... pg		5.2 KB	2022-10-21 2:45 AM	⋮
<input type="checkbox"/>	d... jpg		1.2 MB	2022-10-21 2:45 AM	⋮
<input type="checkbox"/>	por...n.jpg		86.0 KB	2022-10-21 2:45 AM	⋮
<input type="checkbox"/>	ra....jpg		43.0 KB	2022-10-21 2:45 AM	⋮
<input type="checkbox"/>	sq...l.jpg		210.4 KB	2022-10-21 2:45 AM	⋮

Drag and drop files (objects) here or click to upload



2. Upload 5 images to ibm object storage and make it public. write html code to display all the 5 images.

Adding 5 images



The screenshot shows the IBM Cloud Object Storage console. The left sidebar contains navigation links: IBM Cloud, Cloud Object Storage, Storage instances, Cloud Object Storage-on, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area shows the bucket 'test-bucket-assignment-3' with tabs for Objects, Configuration, and Permissions. The Objects tab is active, displaying a table of uploaded files. The table has columns for Object name, Archived, Size, and Last modified. There are 5 objects listed, all uploaded on 2022-10-21 2:45 AM. Below the table is a 'Drag and drop files (objects) here or click to upload' area with an 'Upload' button.

Object name	Archived	Size	Last modified
d... pg		5.2 KB	2022-10-21 2:45 AM
d... jpg		1.2 MB	2022-10-21 2:45 AM
por...n.jpg		86.0 KB	2022-10-21 2:45 AM
ra...jpg		43.0 KB	2022-10-21 2:45 AM
sq...t.jpg		210.4 KB	2022-10-21 2:45 AM

Making it to public

▼ Access policies

^ Public access

**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](#)

[Learn more](#)

Status: **Enabled**

Role for this bucket:

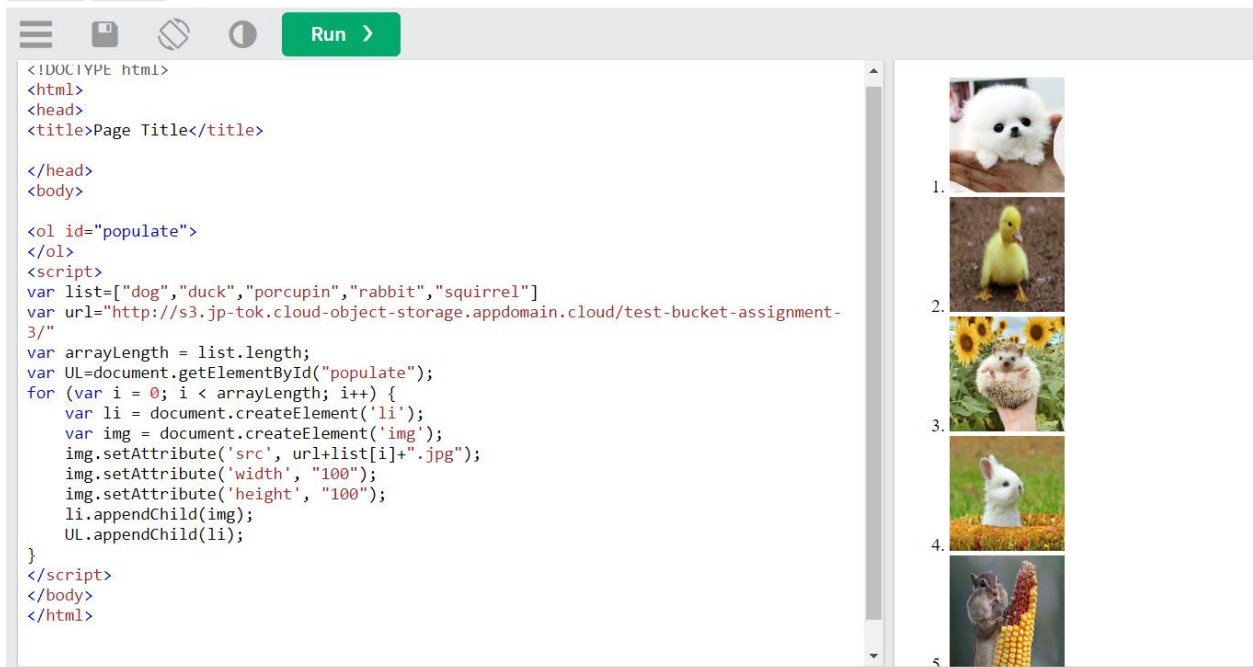
Content Reader



As a Content Reader, one can read and list objects in the bucket.

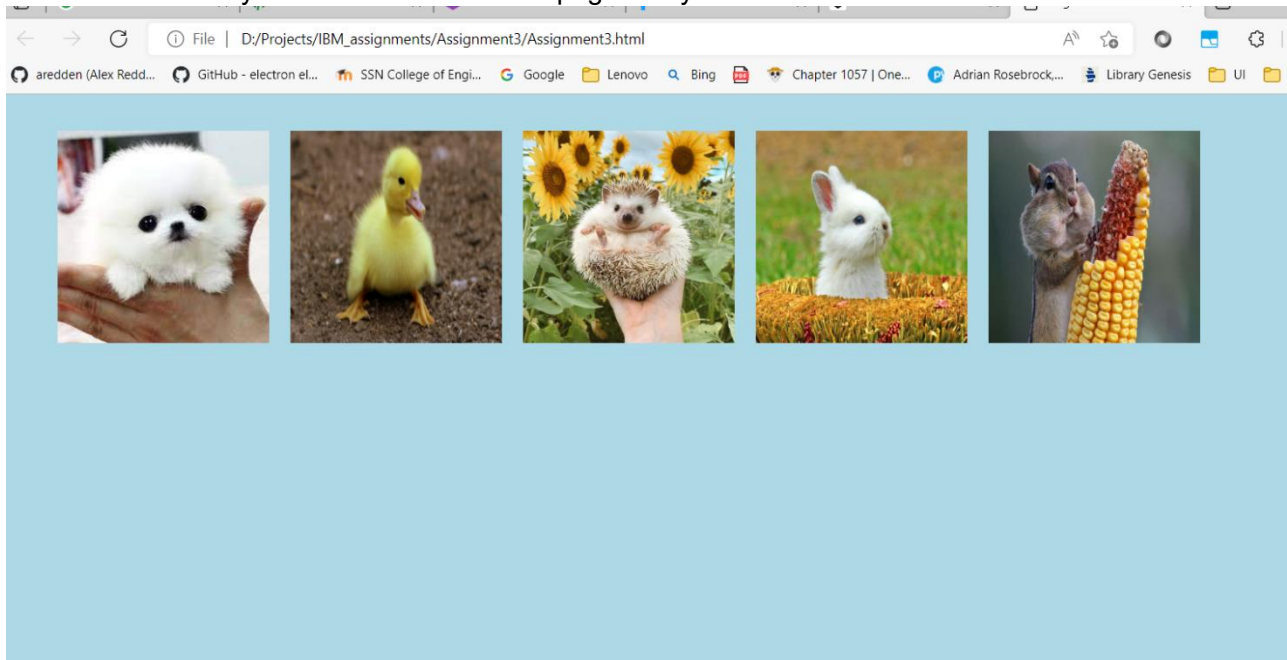
Create access policy

Display the 5 images obtained from my newly created bucket



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

Added css file in my bucket and use the css page in my above html



Code Files

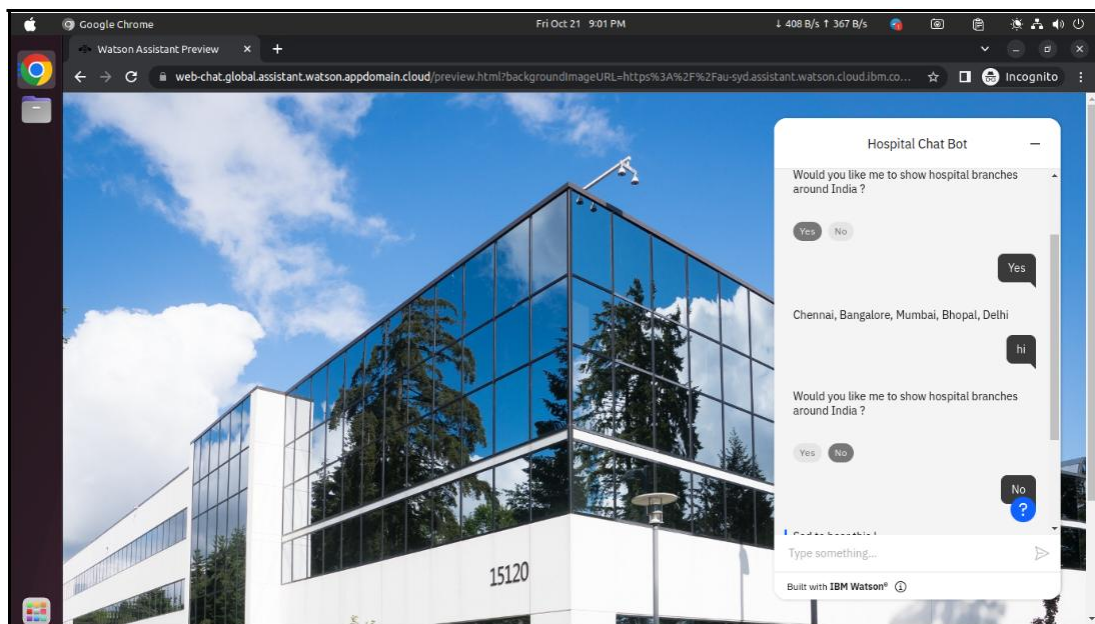
index.html

```
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
    <link
      rel="stylesheet"
      href="http://s3.jp-tok.cloud-object-storage.appdomain.cloud/test-
bucket-assignment-3/helper1.css"
    />
  </head>
  <body>
    <ol id="populate"></ol>
    <script>
      var list = ["dog", "duck", "porcupin", "rabbit", "squirrel"];
      var url =
        "http://s3.jp-tok.cloud-object-storage.appdomain.cloud/test-
bucket-assignment-3/";
      var arrayLength = list.length;
      var UL = document.getElementById("populate");
      for (var i = 0; i < arrayLength; i++) {
        var li = document.createElement("li");
        var img = document.createElement("img");
        img.setAttribute("src", url + list[i] + ".jpg");
        img.setAttribute("width", "200");
        img.setAttribute("height", "200");
        li.appendChild(img);
        UL.appendChild(li);
      }
    </script>
  </body>
</html>
```

helper1.css

```
body {  
  display: -webkit-flex;  
  background-color: lightblue;  
  
  display: flex;  
}  
  
li {  
  padding: 10px;  
  display: inline-block;  
}
```

4. Design a chatbot using IBM Watson assistant for hospital. Ex: User comes with a query to know the branches for that hospital in your city. Submit the web URL of that chat bot as an assignment.



Web URL - [Watson Assistant Bot](#)

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

Created a watson assistant service with 10 steps and used 3 conditions in it

Actions Screenshot

The image displays three screenshots of a Watson Assistant dialog flow titled "Book appointment".

Left Screenshot (Steps 1-3):

- Step 1:** "Sure. I can make it for you !" with a "Continue to next step" action.
- Step 2:** "Please provide your name." with a "Free text" input field and a "Continue to next step" action.
- Step 3:** "Great! Select mail or phone number to reach you." with "Mobile" and "Email" buttons and a "Continue to next step" action.

Middle Screenshot (Steps 3-6):

- Step 3:** "is Mobile" condition. Action: "Great! Enter your mobile number." with a "Number" input field and a "Continue to next step" action.
- Step 5:** "is Email" condition. Action: "Great! Please enter your email id." with a "Regex" input field and a "Continue to next step" action.
- Step 6:** "The available bookings are today and tomorrow. Please select anyone." with "Tomorrow" and "Today" buttons and a "Continue to next step" action.

Bottom Screenshot (Steps 6-10):

- Step 6:** "is Today , Tomorrow" condition.
- Step 7:** "Sure! Your appointment is yet to be booked. Please confirm." with "Yes" and "No" buttons and a "Continue to next step" action.
- Step 8:** "is Yes" condition. Action: "Your appointment is booked successfully!" with a "Continue to next step" action.
- Step 9:** "is No" condition. Action: "No problem! Your booking is cancelled." with a "Continue to next step" action.
- Step 10:** "Thank You!" with a "Action complete" status and icons for a new action or deletion.

HTML page is created locally and loaded that script in the page

Page Screenshot

