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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.

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

Search | Create bucket +

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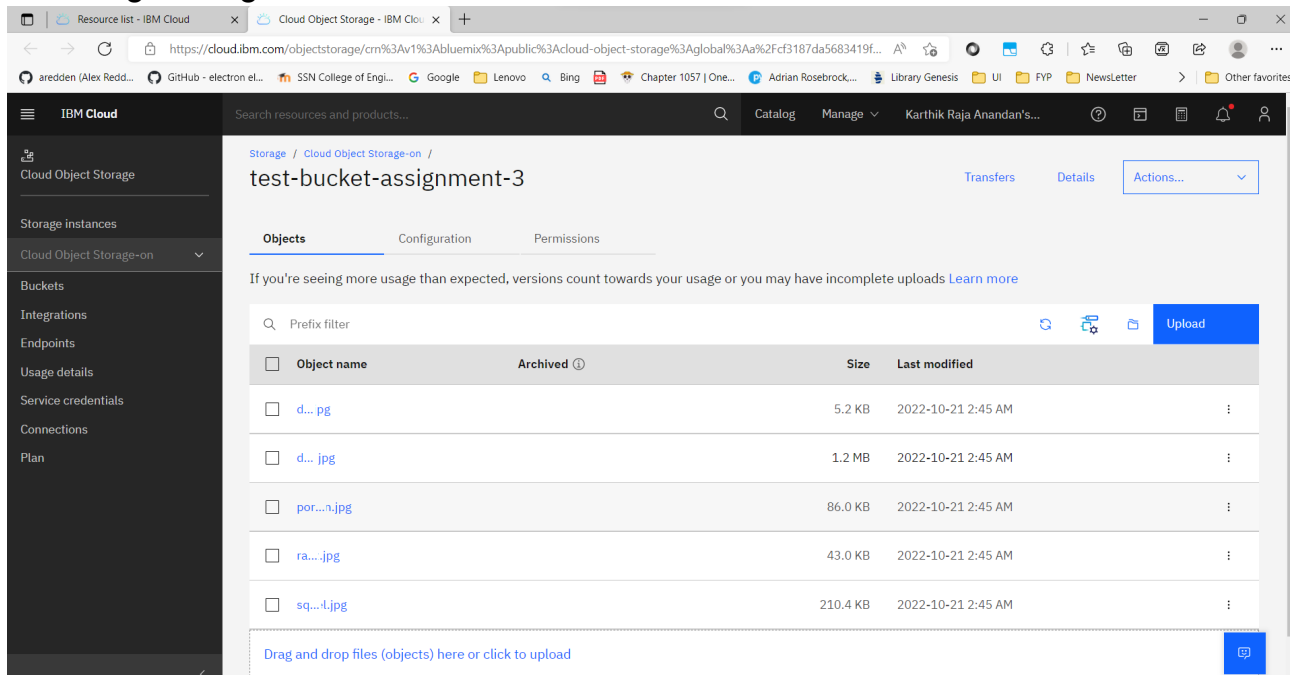
	Object name	Archived ⓘ	Size	Last modified	
☐	d... pg		5.2 KB	2022-10-21 2:45 AM	⋮
☐	d... jpg		1.2 MB	2022-10-21 2:45 AM	⋮
☐	por...n.jpg		86.0 KB	2022-10-21 2:45 AM	⋮
☐	ra....jpg		43.0 KB	2022-10-21 2:45 AM	⋮
☐	sq...t.jpg		210.4 KB	2022-10-21 2:45 AM	⋮

Prefix filter   Upload

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

Making it to public

Access policies ⌄

Public access ⌃

> ⚠ **Warning:**   Learn more   ✕
> 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
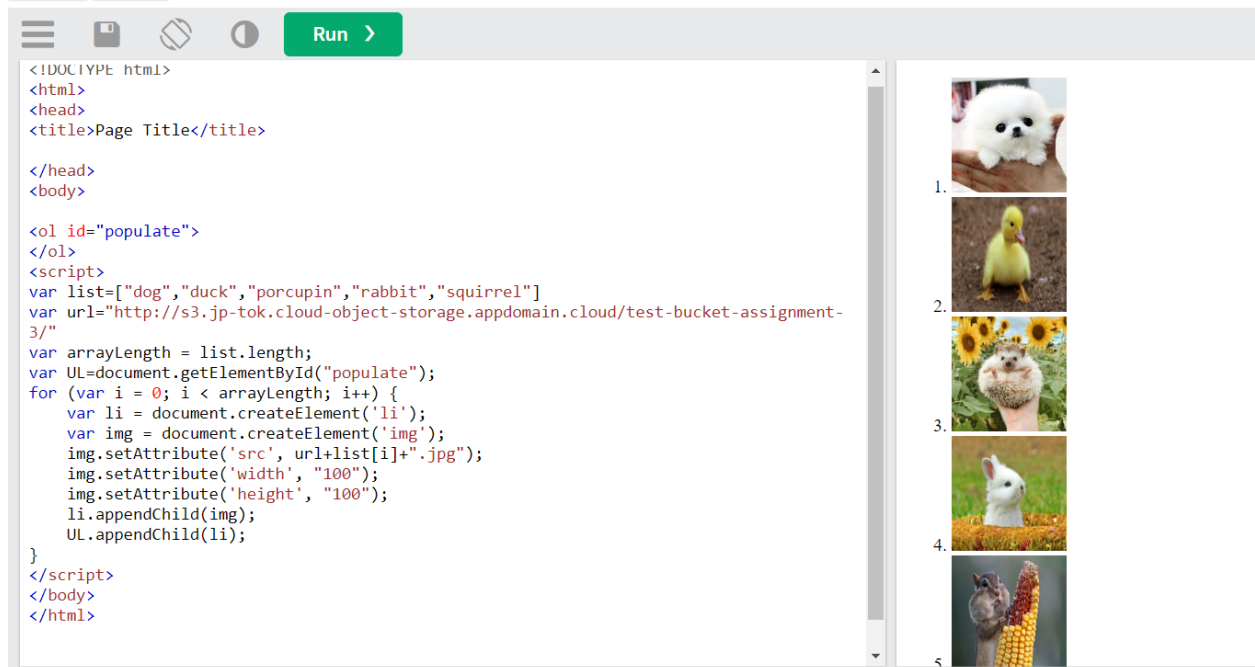
Status: **Enabled**

Role for this bucket:

Content Reader ⌄

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

Create access policy
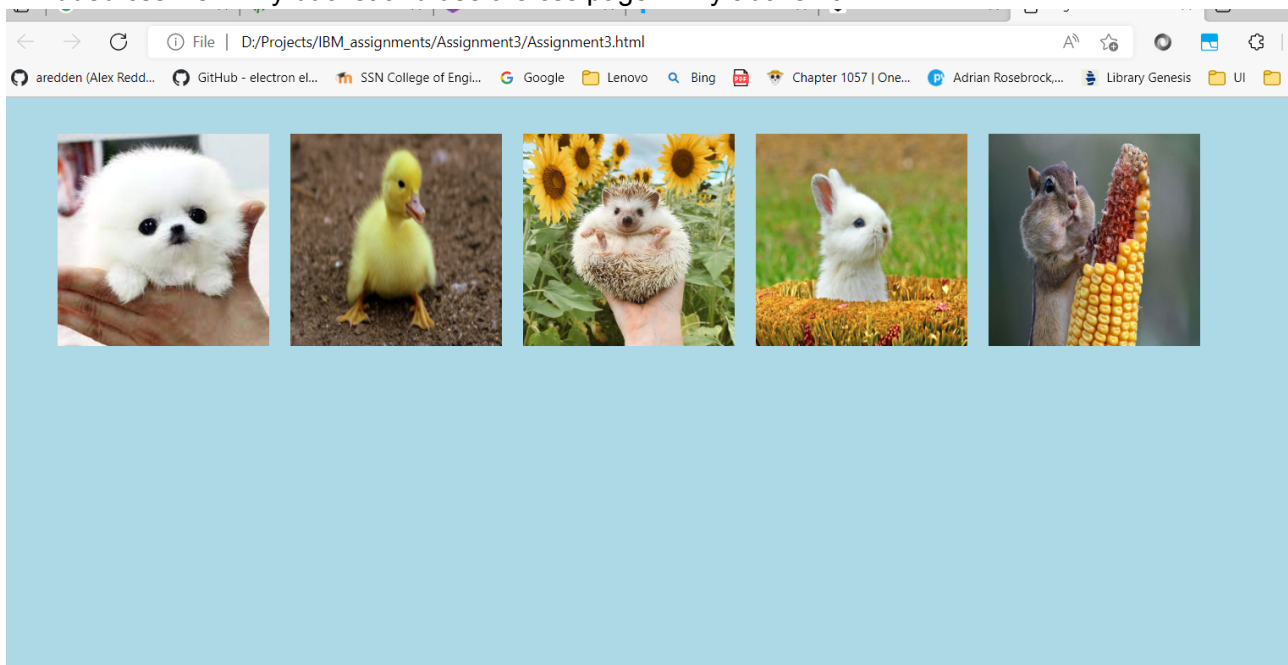
Display the 5 images obtained from my newly created bucket

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>

</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', "100");
    img.setAttribute('height', "100");
    li.appendChild(img);
    UL.appendChild(li);
}
</script>
</body>
</html>
```

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

```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

```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 -

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

6 is Times Squa , SoHo , Williamsburg
, Chelsea , Tribeca 1 is Yes

7 Thanks! Our Step 6 store hours are between 9am-3pm EST, Mondays through Saturdays.

⊘ Action complete

6 is Hollywood 1 is Yes

8 Thanks! Our Step 6 store hours are between 7am-6pm PST, Mondays through Fridays.

⊘ Action complete

6 is The Domain 1 is Yes

9 Thanks! Our Step 6 store hours are between 10am-6pm CST, Mondays through Thursdays.

⇄ Go to action: **Fallback**

10 Thanks for using our services

⊘ Action complete

New step +

1. Let me get that in... is No ✕

and Add condition +

New condition group +

Assistant says

B I 🔗 ⊟ 🖼 🎵 🎞 ▣ </>

No problem! We can help you find the store closest to you. What's your **zip code**?

Ⓖ

Assistant recognizes pattern in user's text

Edit response   Edit validation   🗃 ⚙ ⇄ 🗑

And then

⇄ Go to another action ⌄

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

Page Screenshot