

Assignment 3

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Maximum Marks	2 Marks
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Question-1:

Create a Bucket in IBM object storage.

The screenshot displays the IBM Cloud console interface. On the left, a dark sidebar contains navigation links: Cloud Object Storage, Storage Instances, Img_upload, Buckets (highlighted), Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area is titled 'Buckets' and includes a search bar, filter, and settings icons. A blue 'Create bucket +' button is in the top right. Below is a table with one entry:

Name	Public access ⓘ	Location ⓘ	Storage class	Created
personalextrackassign3	No	au-syd	Smart Tier	2022-11-14 11:58 PM

A green notification box in the top right corner states: 'A bucket created successfully! The bucket personalextrackassign3 has been created and is now available to add'. A blue chat icon is in the bottom right corner.

Question-2:

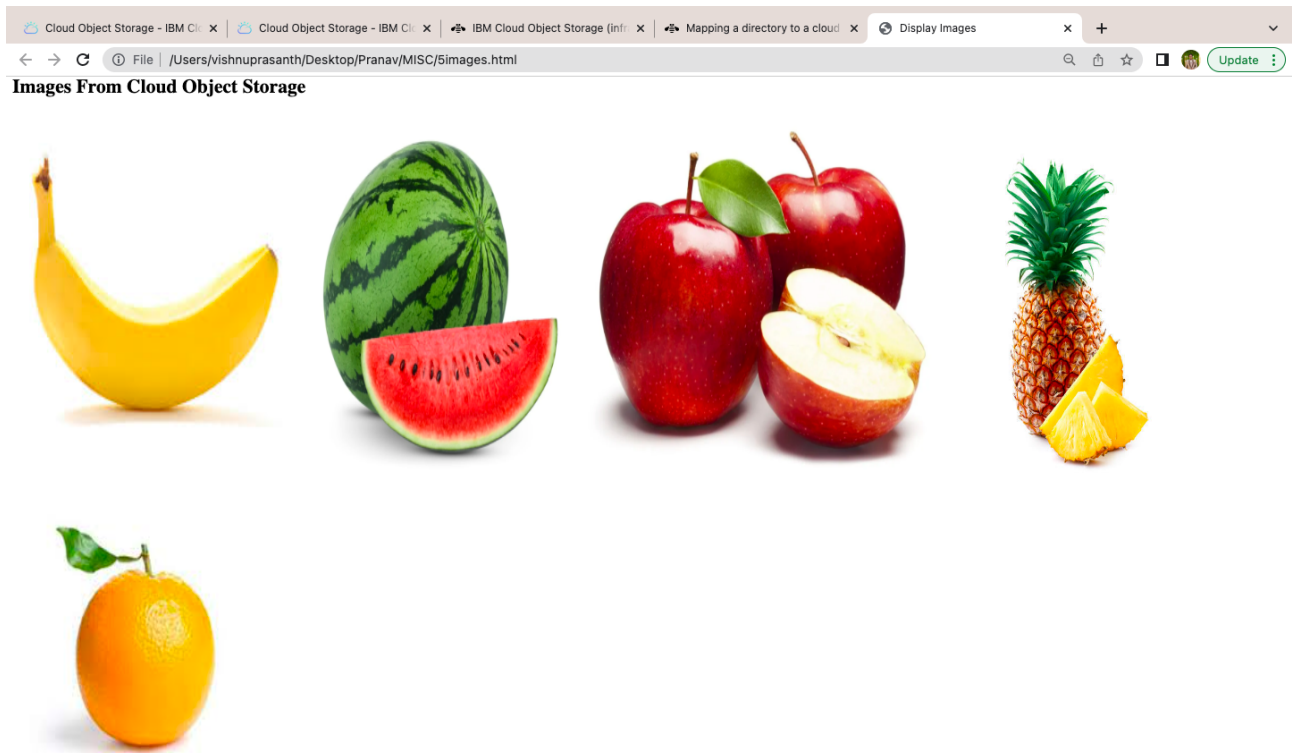
(i) Upload 5 images to ibm object storage and make it public.

The screenshot shows the IBM Cloud Object Storage console. The left sidebar contains navigation links: Cloud Object Storage, Storage instances, Img_upload (selected), Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main panel displays the 'Storage / Img_upload /' view for the bucket 'personalextrackassign3'. It has tabs for 'Objects', 'Configuration', and 'Permissions'. A message states: 'If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)'. Below this is a table of objects with columns: Object name, Archived, Size, and Last modified. There are 5 objects listed: 'Banana...', 'Watermelo...', 'apple-1000x100...', 'fresh-pine-ap...', and 'or5...'. At the bottom, there is a blue box with the text 'Drag and drop files (objects) here or click to upload' and an 'Upload' button.

Object name	Archived	Size	Last modified
Banana...		3.7 KB	2022-11-15 12:07 AM
Watermelo...		114.9 KB	2022-11-15 12:08 AM
apple-1000x100...		44.0 KB	2022-11-15 12:08 AM
fresh-pine-ap...		38.2 KB	2022-11-15 12:08 AM
or5...		3.2 KB	2022-11-15 12:08 AM

The screenshot shows the 'Bucket access policies' page in the IBM Cloud Object Storage console. The left sidebar is the same as the previous screenshot. The main panel has a title 'Bucket access policies' and a description: 'Manage access to this bucket by creating IAM policies for users and service IDs. Users and service IDs must also have an instance level viewer role (or higher) to use the console or to list buckets using the REST API.' Below this is a section for 'Access policies' with a sub-section 'Public access' highlighted by a blue box. A warning message is displayed: '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](#)'. Below the warning, the status is 'Enabled' and the role is 'Content Reader'. A blue button 'Create access policy' is visible. At the bottom, there are sections for 'Context-based restrictions' and 'Firewall (legacy)'.

(ii) write html code to displaying all the 5 images



```
<> 5images.html > html
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title>
5  Display Images
6  </title>
7  <link rel="stylesheet" href="style.css">
8  </head>
9  <body>
10 <h2>Images From Cloud Object Storage</h2>
11 </img>
13 </img>
15 </img>
17 </img>
19 </img>
21 </body>
22 </html>
```

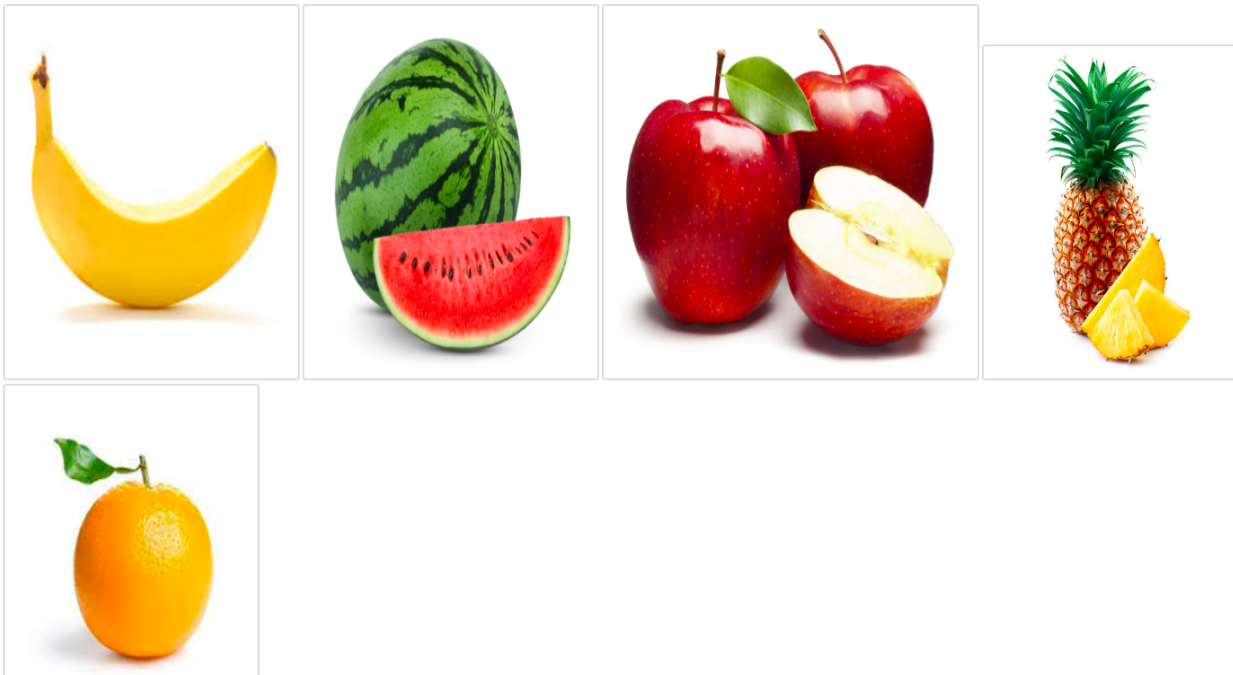
Question-3:

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

```
<title>
Display Images
</title>
<link rel="stylesheet" href="https://personalextrackassign3.s3.au-syd.cloud-object-storage.appdomain.cloud/style.css">
</head>
<body>

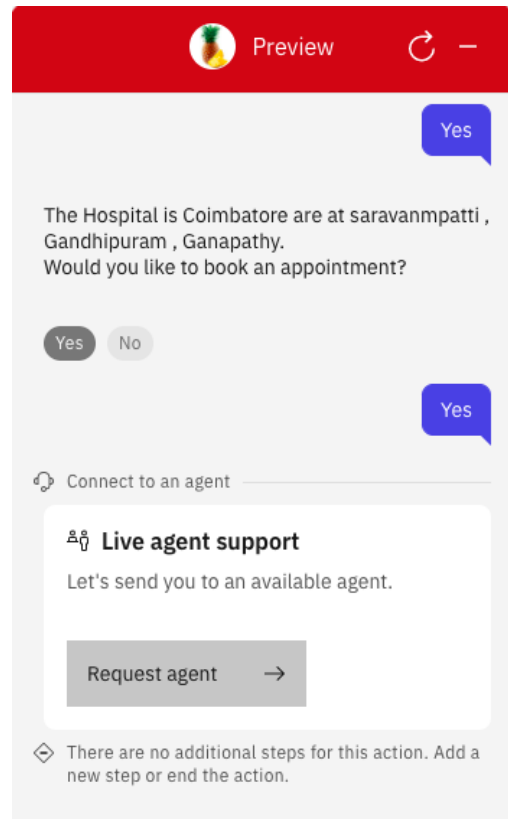
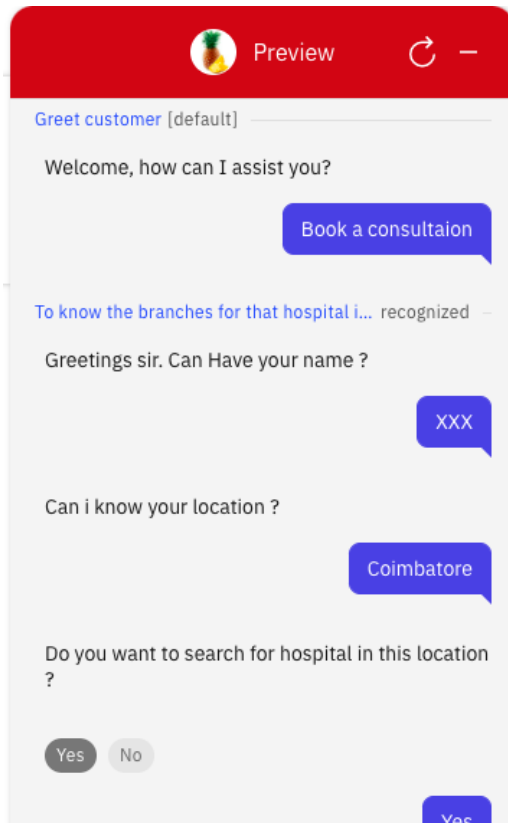
# style.css > html> Style.css<body
1 </html> Style.css
2
3 body
4 {
5 background-color: rgb(102, 139, 34);
6 }
7 h2
8 {
9 color: darkblue; background-color: white;
10 }
11 img {
12 border: 3px solid #ddd;
13 border-radius: 4px;
14 padding: 5px;
15 width: 150px;
16 }
```

Images From Cloud Object Storage



Question-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.



<https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-a8eb8268-68f6-42a4-9794-60c4a54c3da7%3A%3A9a8f92c7-d3f2-4beb-a2c2-aaad179e0c64&integrationID=979da8d9-0d8e-49c6-b3fb-cf2b33515aea®ion=au-syd&serviceInstanceID=a8eb8268-68f6-42a4-9794-60c4a54c3da7>

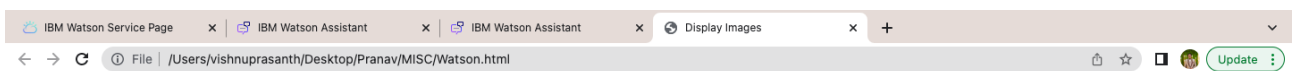
Question-5:

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

```

Watson.html > html > head > script > setTimeout() callback
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>
5 Display Images
6 </title>
7 <link rel="stylesheet" href="style.css">
8 <script>
9     window.watsonAssistantChatOptions = {
10         integrationID: "979da8d9-0d8e-49c6-b3fb-cf2b33515aea", // The ID of this integration.
11         region: "au-syd", // The region your integration is hosted in.
12         serviceInstanceID: "a8eb8268-68f6-42a4-9794-60c4a54c3da7", // The ID of your service instance.
13         onLoad: function(instance) { instance.render(); }
14     };
15     setTimeout(function(){
16         const t=document.createElement('script');
17         t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + [window.watsonAssistantChatOptions.clientVersion ||
18         'latest'] + "/WatsonAssistantChatEntry.js";
19         document.head.appendChild(t);
20     });
21 </script>
22 </head>
23 <body>
24 <h1>ChatBot Page </h1>
25 </body>
26 </html>

```



ChatBot Page

