

## 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, a table lists the bucket 'personalextrackassign3' with details: Public access (No), Location (au-syd), Storage class (Smart Tier), and Created (2022-11-14 11:58 PM). A green notification bubble 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.

Name	Public access ⓘ	Location ⓘ	Storage class	Created
<a href="#">personalextrackassign3</a>	No	au-syd	Smart Tier	2022-11-14 11:58 PM

## Question-2:

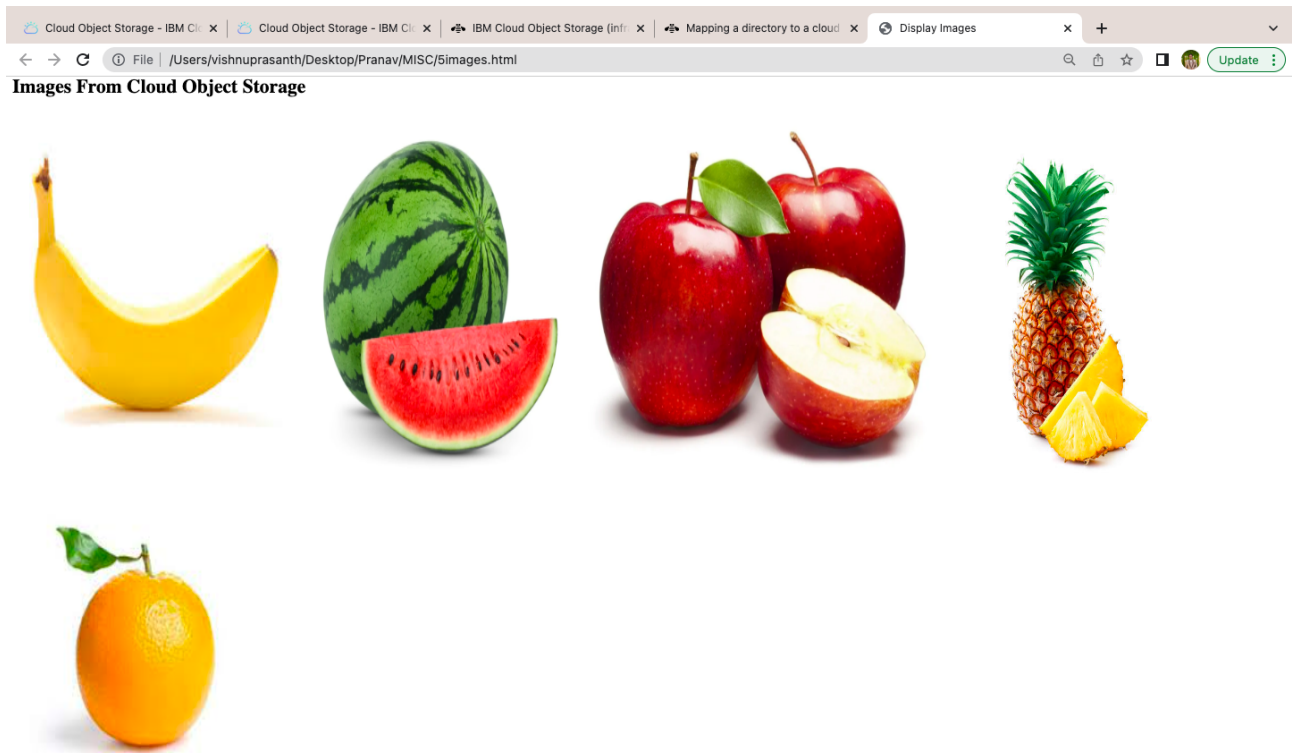
(i) Upload 5 images to ibm object storage and make it public.

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 content area shows the 'Storage / Img\_upload /' breadcrumb and the bucket name 'personalextrackassign3'. There are 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. The table lists 5 objects: '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 content area has the 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.' There are two main sections: 'Access policies' and 'Context-based restrictions'. Under 'Access policies', there is a 'Public access' section which is highlighted with 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 'Create access policy' button is visible. The 'Context-based restrictions' and 'Firewall (legacy)' sections are also listed.

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



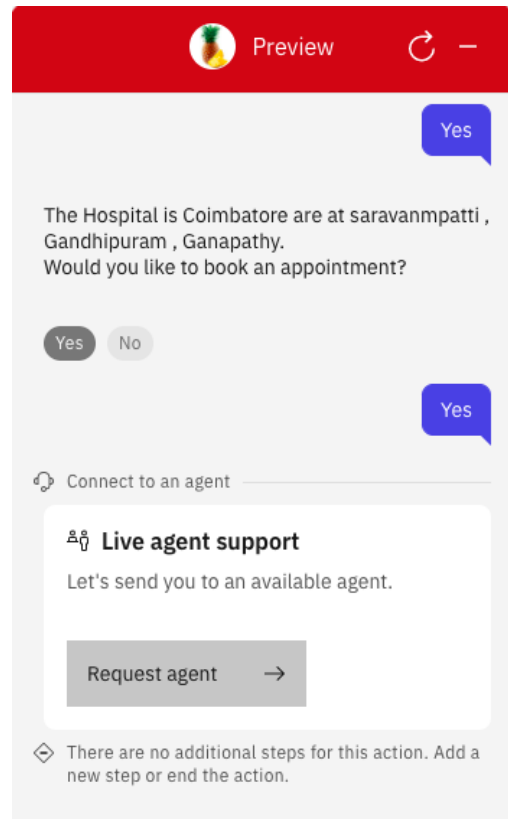
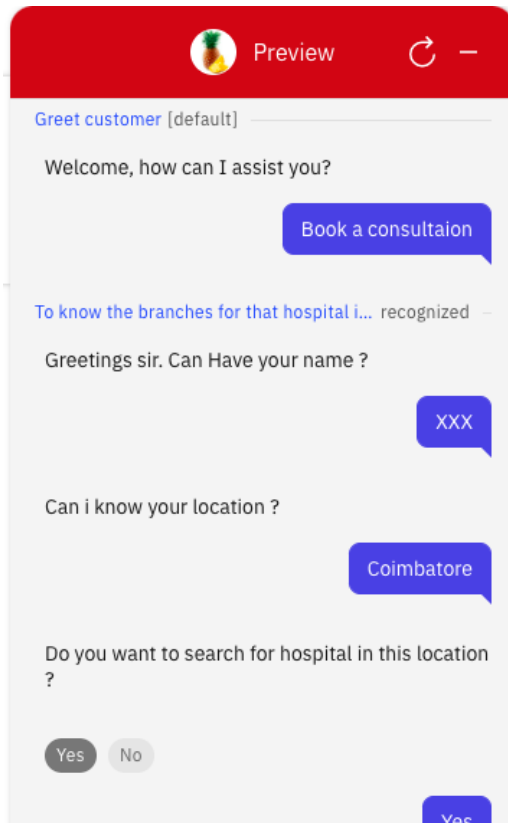
```
<> 5images.html > html
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title>
5  Display Images
6  </title>
7  <link rel="stylesheet" href="style.css">
8  </head>
9  <body>
10 <h2>Images From Cloud Object Storage</h2>
11 </img>
13 </img>
15 </img>
17 </img>
19 </img>
21 </body>
22 </html>
```

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

```
# 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 }
```

A collage of five images showing different fruits: a banana, a watermelon, two red apples (one whole, one sliced), a pineapple, and an orange.

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&region=au-syd&serviceInstanceID=a8eb8268-68f6-42a4-9794-60c4a54c3da7>

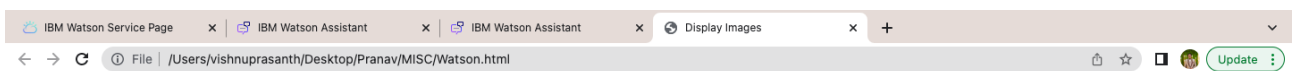
### Question-5:

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

