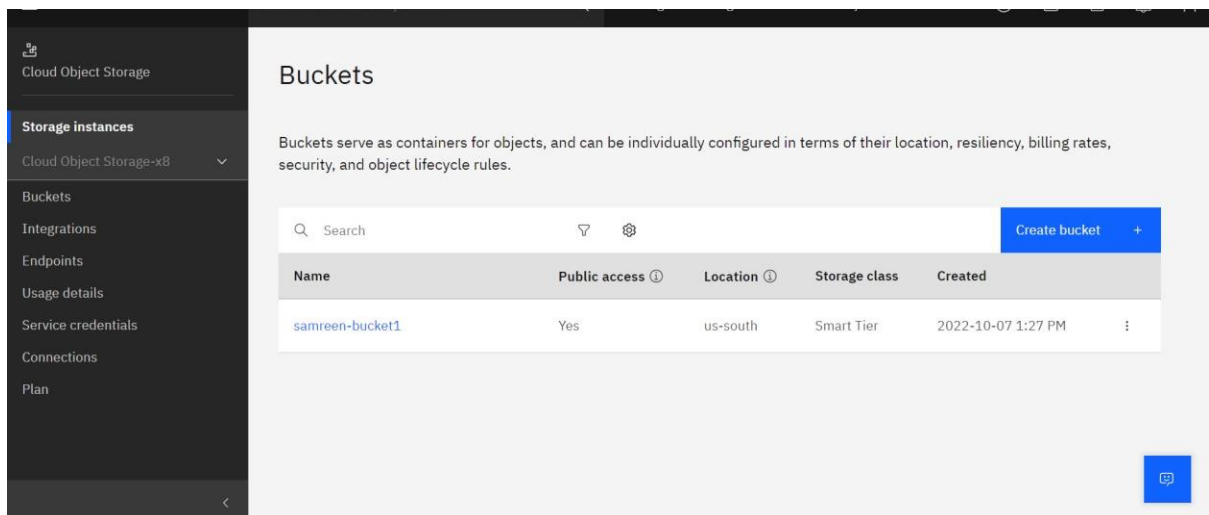
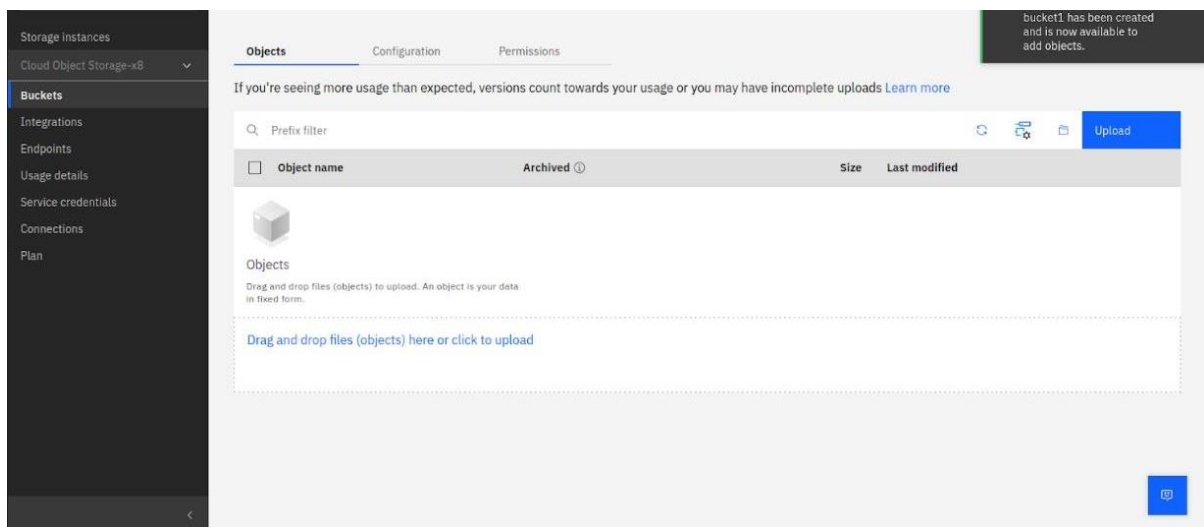


ASSIGNMENT -3
OBJECT STORAGE AND WATSON ASSISTANT IN IBM CLOUD

Assignment Date	07 October 2022
Student Name	Deepa G
Student Roll Number	19CS022
Maximum Marks	2 Marks

Question-1:

Create a Bucket in IBM object storage.



Question-2:

Upload 5 images to ibm object storage and make it public. Write html code to displaying all the 5 images.

The screenshot shows the IBM Cloud Object Storage management console. On the left is a sidebar with navigation options: Cloud Object Storage, Storage instances, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main area displays the bucket 'samreen-bucket1' with tabs for Objects, Configuration, and Permissions. The 'Objects' tab is active, showing a list of 5 uploaded files: gryffindor.jpg (167.4 KB), hogwarts-logo.jpg (127.0 KB), hufflepuff.jpg (191.3 KB), ravenclaw.jpeg (13.2 KB), and slytherin.jpg (182.5 KB). A 'Transfers' panel on the right shows an 'Upload success' message for the 5 objects, dated 2022-10-07 7:05 PM. A URL bar at the bottom shows the bucket's endpoint.

Object name	Archived	Size
<input type="checkbox"/> gryffindor.jpg		167.4 KB
<input type="checkbox"/> hogwarts-logo.jpg		127.0 KB
<input type="checkbox"/> hufflepuff.jpg		191.3 KB
<input type="checkbox"/> ravenclaw.jpeg		13.2 KB
<input type="checkbox"/> slytherin.jpg		182.5 KB

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

<https://cloud.ibm.com/objectstorage/cm.v1:bluemixp...int-s3.us-south.cloud-object-storage.appdomain.cloud>

This screenshot shows the 'Public access' configuration page for the bucket. It includes a warning box about granting public access, a status section showing 'Enabled' with a 'Content Reader' role, and a 'Create access policy' button. The 'Context-based restrictions' section is partially visible at the bottom.

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:

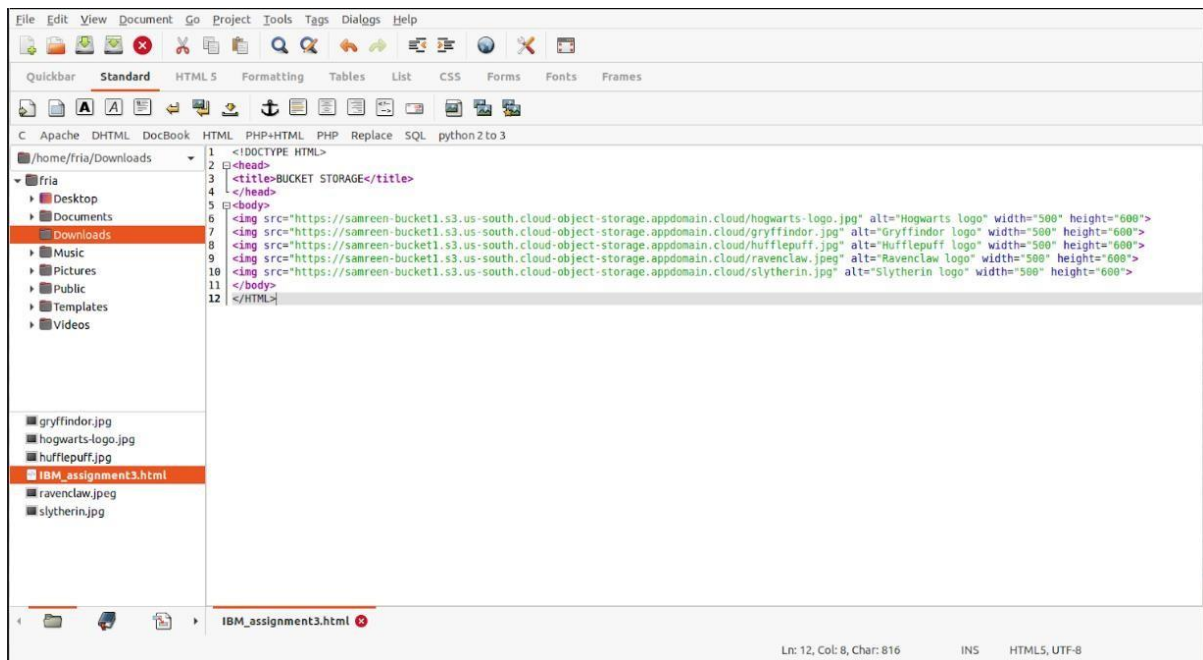
Content Reader ▼

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

[Create access policy](#)

Context-based restrictions

HTML Code:

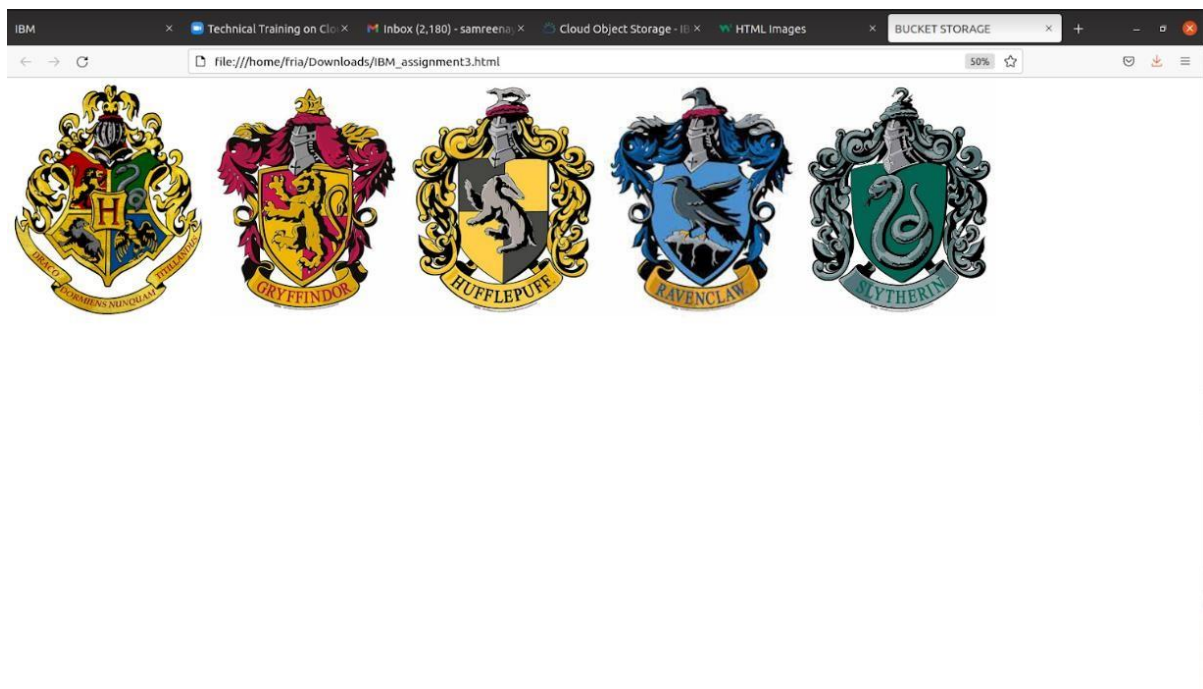


The screenshot shows a web editor interface with a menu bar (File, Edit, View, Document, Go, Project, Tools, Tags, Dialogs, Help), a toolbar, and a sidebar. The main editor area displays the following HTML code:

```
1 <!DOCTYPE HTML>
2 <html>
3 <title>BUCKET STORAGE</title>
4 </head>
5 <body>
6 
7 
8 
9 
10 
11 </body>
12 </html>
```

The sidebar on the left shows a file explorer with a tree view of the project structure. The file `IBM_assignment3.html` is selected. The status bar at the bottom indicates the current line and column: `Ln: 12, Col: 8, Char: 816`. The editor is set to `INS` mode and `HTML5, UTF-8` encoding.

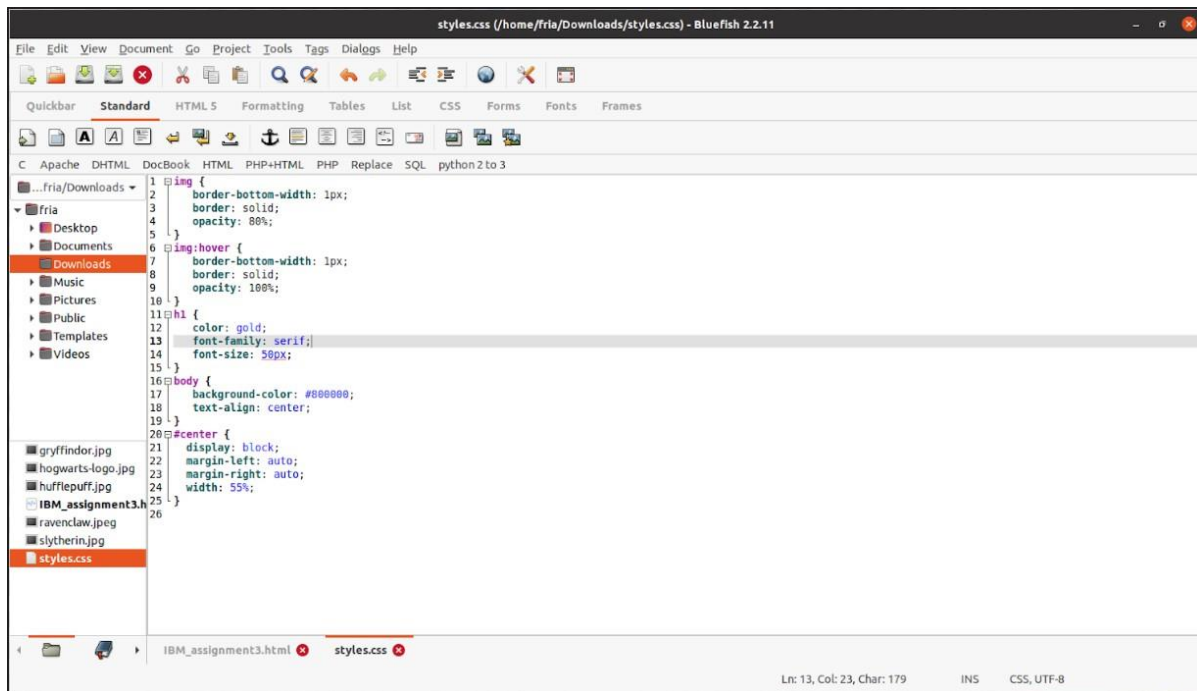
Webpage:



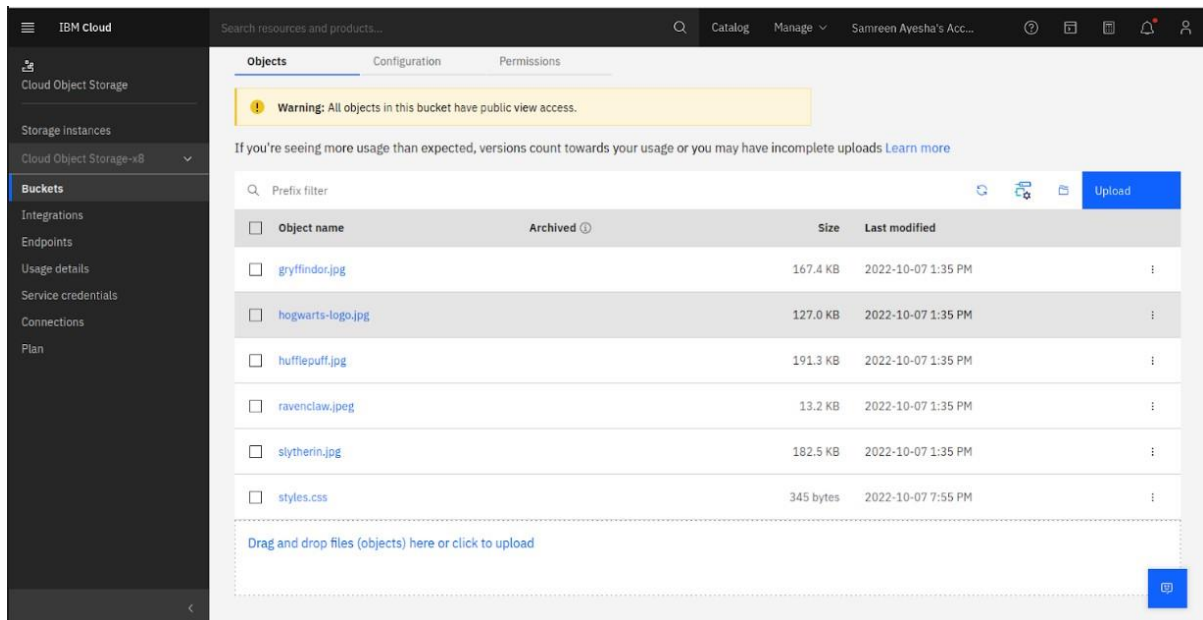
Question-3:

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

CSS Code:



Uploaded the styles.css file



URL of the uploaded styles.css file

The screenshot shows the IBM Cloud Object Storage console. The left sidebar contains navigation options like 'Cloud Object Storage', 'Storage Instances', 'Buckets', 'Integrations', 'Endpoints', 'Usage details', 'Service credentials', 'Connections', and 'Plan'. The main area displays the details for an object named 'styles.css'. The 'Overview' tab is selected, showing 'Object details' with the following information:

- Last modified: 2022-10-07 7:55 PM
- Object size: 345 bytes
- Storage class: Smart Tier
- Tags: 0 Tags

The 'Object Public URL' is displayed as `https://samreen-bucket1.s3.us-south.cloud-object-storage.appdomain.cloud/styles.css`. Below this, the 'Access with Data Engine' section shows the 'Object Data Engine URL' as `cos://us-south/samreen-bucket1/styles.css`. A message states: 'There is no Data Engine instance available. To provision an Data Engine instance, visit Integrations.'

HTML Code:

The screenshot shows a web browser window displaying the HTML code of a file named 'IBM_assignment3.html'. The code is as follows:

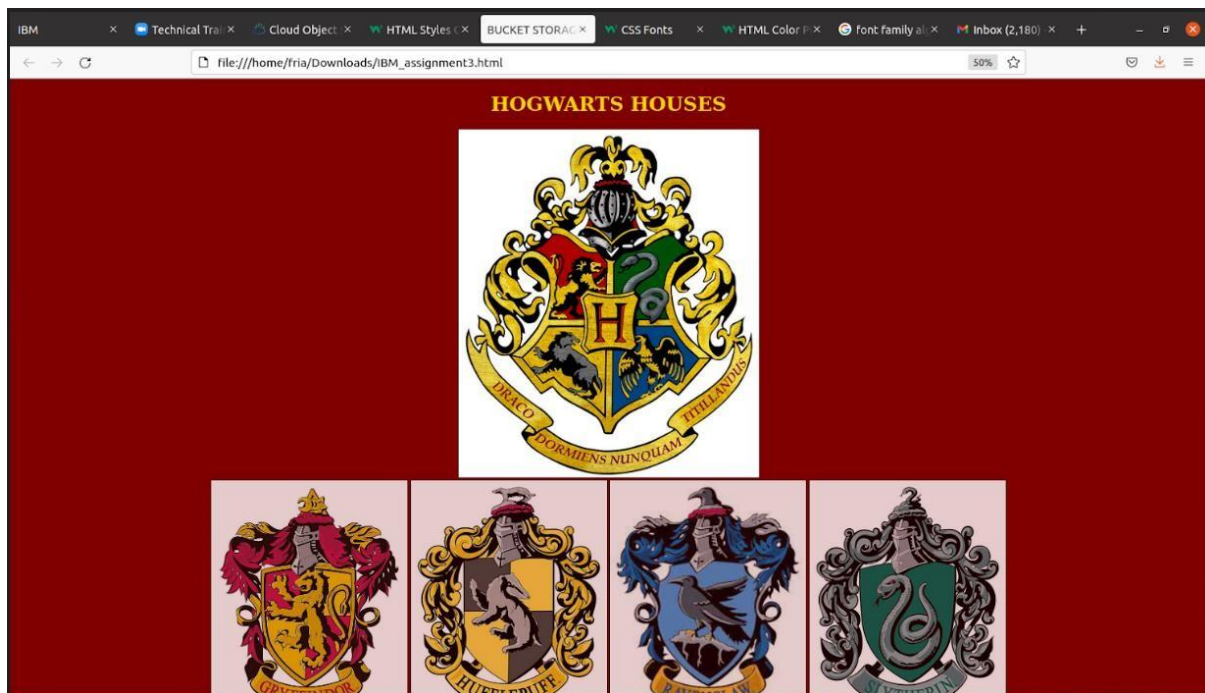
```
<!DOCTYPE HTML>
<html>
<head>
<title>BUCKET STORAGE</title>
<link rel="stylesheet" href="https://samreen-bucket1.s3.us-south.cloud-object-storage.appdomain.cloud/styles.css">
</head>
<body>
<h1>HOGWARTS HOUSES</h1>
<div id="center">

</div>



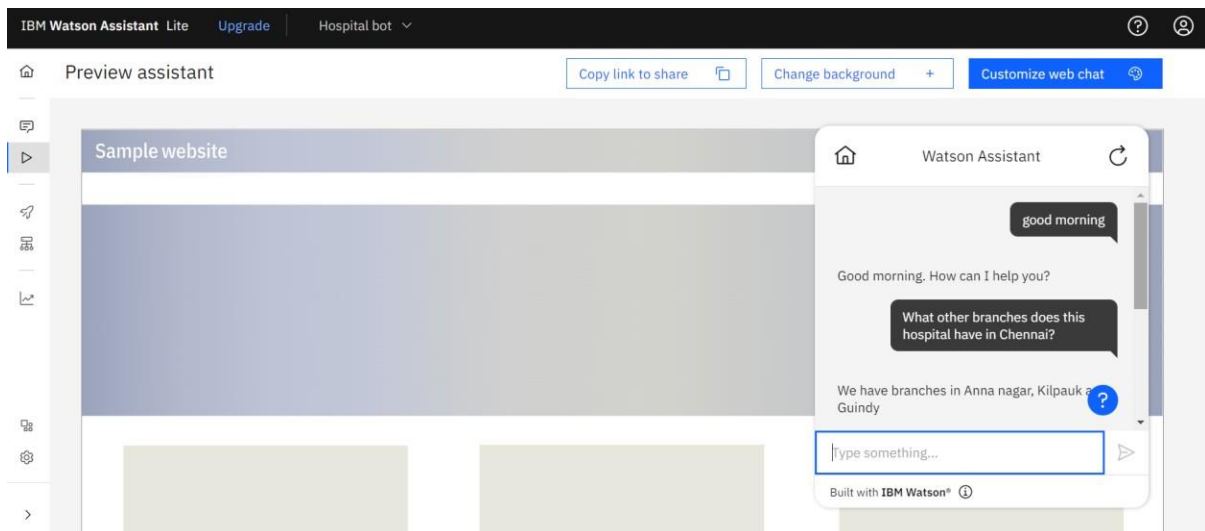

</body>
</html>
```

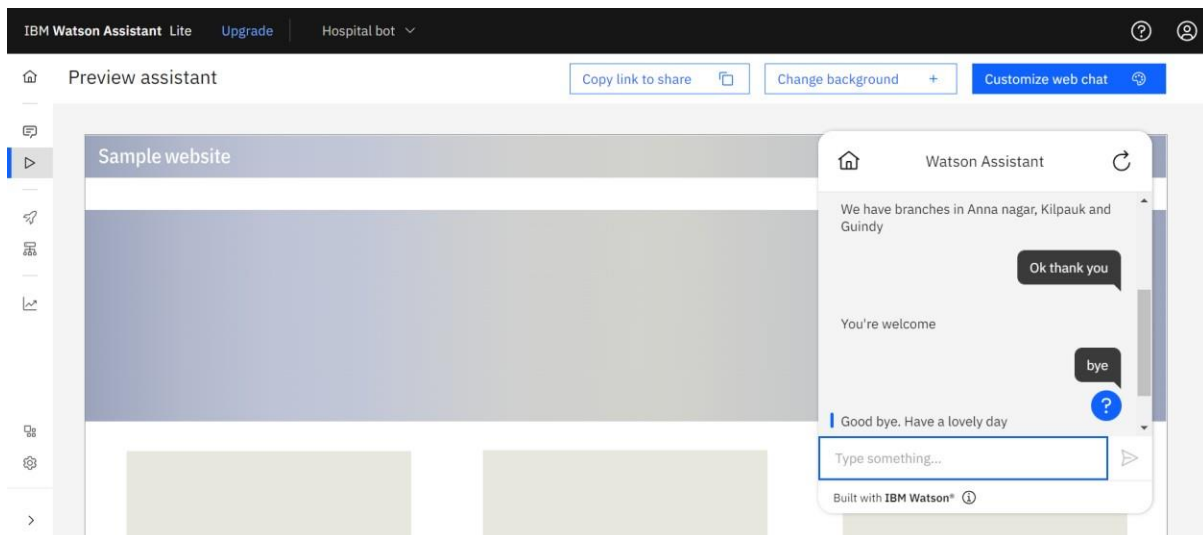
Webpage:



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 an assignment.





WEB URL of the chatbot: <https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fus-south.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-6f4d5e55-e9b4-4f9b-9193-0682bdc0d6a4%3A%3A743b578e-54b4-4cf4-a65a-1febb3b713da&integrationID=1fe1718a-cd79-478d-9456-9f9235c17d73®ion=us-south&serviceInstanceID=6f4d5e55-e9b4-4f9b-9193-0682bdc0d6a4>

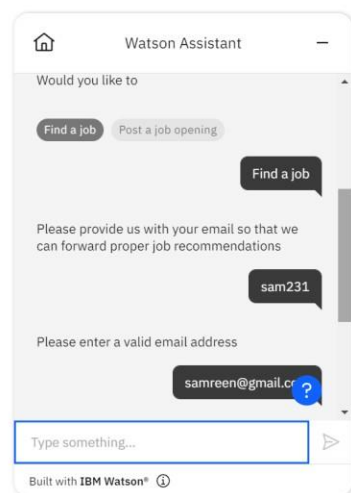
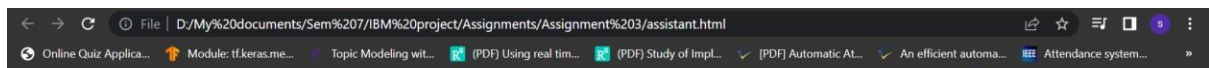
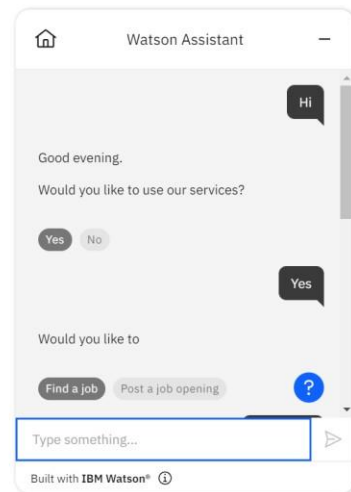
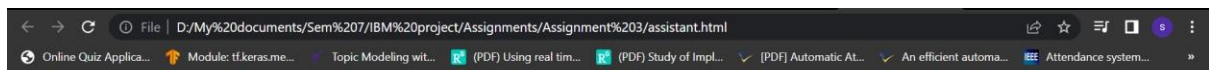
Question-5:

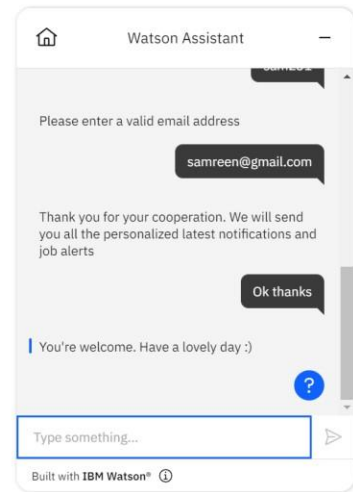
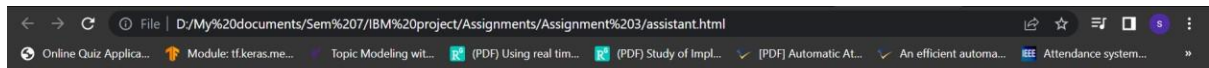
Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page

```

assistant.html X
<? assistant.html > <? html > <? body > <? script
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <title>Welcome Page</title>
5    </head>
6    <body>
7      <script>
8        window.watsonAssistantChatOptions = {
9          integrationID: "c7c67e82-e1e4-4cab-899c-898393f1f2f5", // The ID of this integration.
10         region: "us-south", // The region your integration is hosted in.
11         serviceInstanceID: "6f4d5e55-e9b4-4f9b-9193-0682bdc0d6a4", // The ID of your service instance.
12         onLoad: function(instance) { instance.render(); }
13       };
14       setTimeout(function(){
15         const t=document.createElement('script');
16         t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantCha
17         document.head.appendChild(t);
18       });
19     </script>
20   </body>
21 </html>

```





WEB URL: <https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fus-south.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-6f4d5e55-e9b4-4f9b-9193-0682bdc0d6a4%3A%3Ae5f32d50-4690-447f-ae6c-f797c8369f69&integrationID=0489560d-c18a-426f-920e-90d67160fd51®ion=us-south&serviceInstanceID=6f4d5e55-e9b4-4f9b-9193-0682bdc0d6a4>