ASSIGNMENT NO. : 3

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PROJECT NAME : PLASMA DONOR APPLICATION

DOMAIN : CLOUD APPLICATION DEVELOPMENT

TEAM ID : PNT2022TMID25930

Question 1: Create a Bucket in IBM object storage.

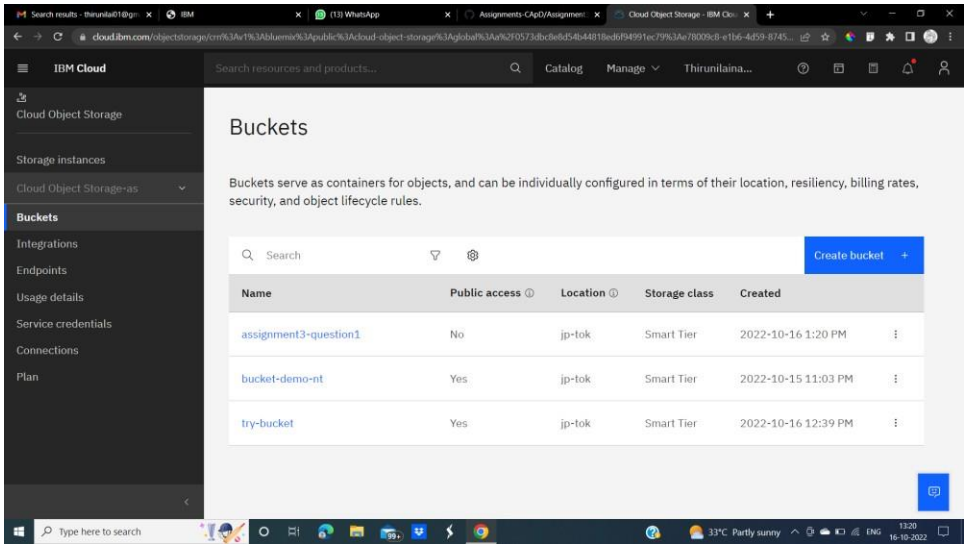
Solution:

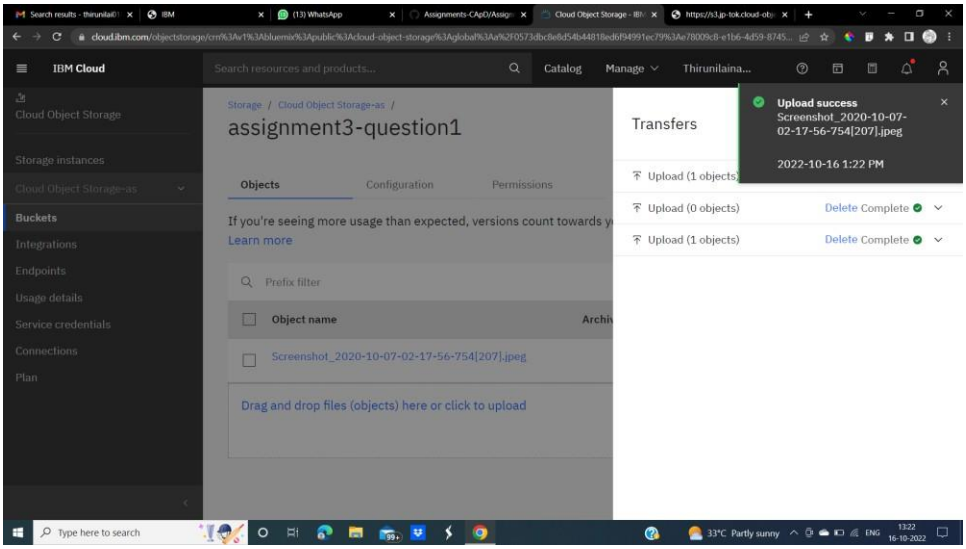
The name of the bucket which I have created is *assignment3-question1* . I have uploaded an image to that bucket as well. The public URL of the image is also provided below. Screenshots of the bucket is also attached for assignment purpose

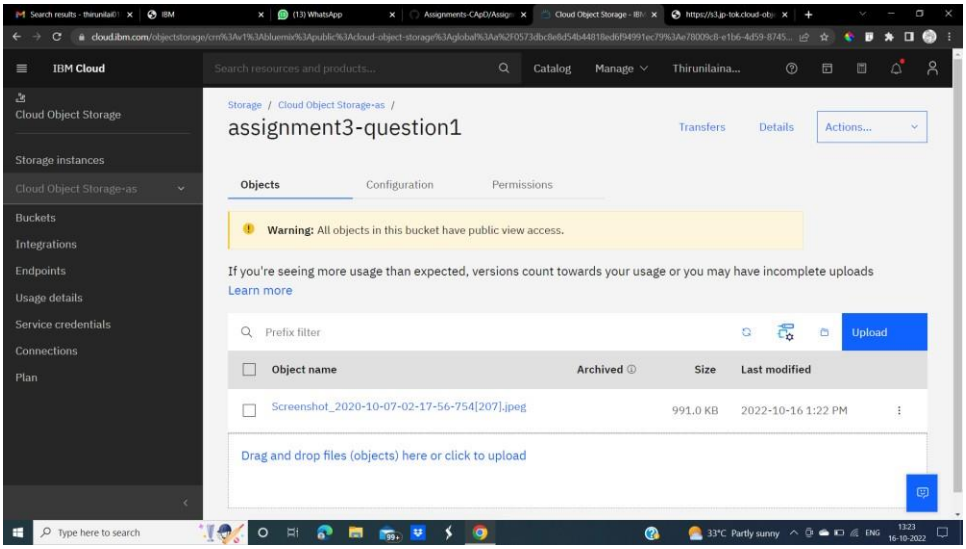
Public URL:

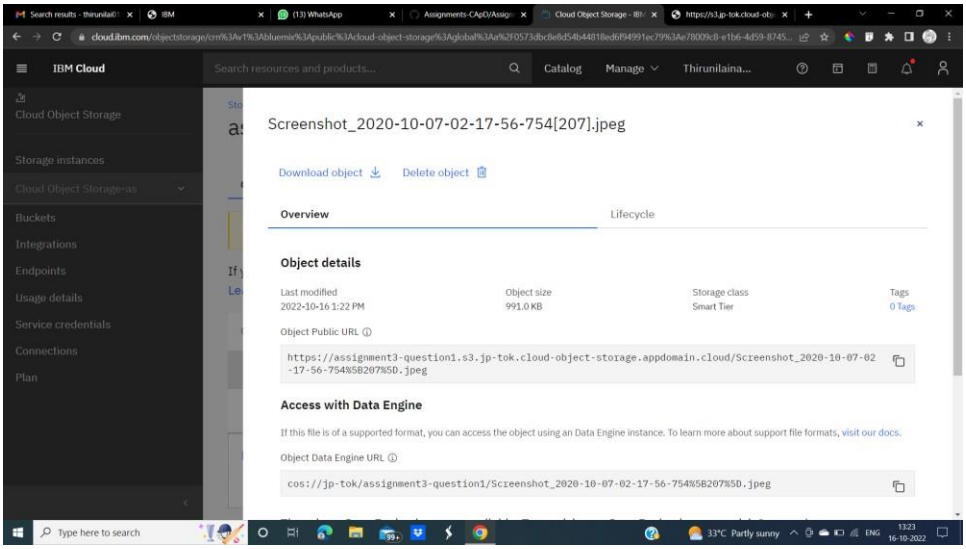
https://assignment3-question1.s3.jp-tok.cloud-object-storage.appdomain.cloud/Screenshot_2020-10-07-02-17-56-754%5B207%5D.jpeg

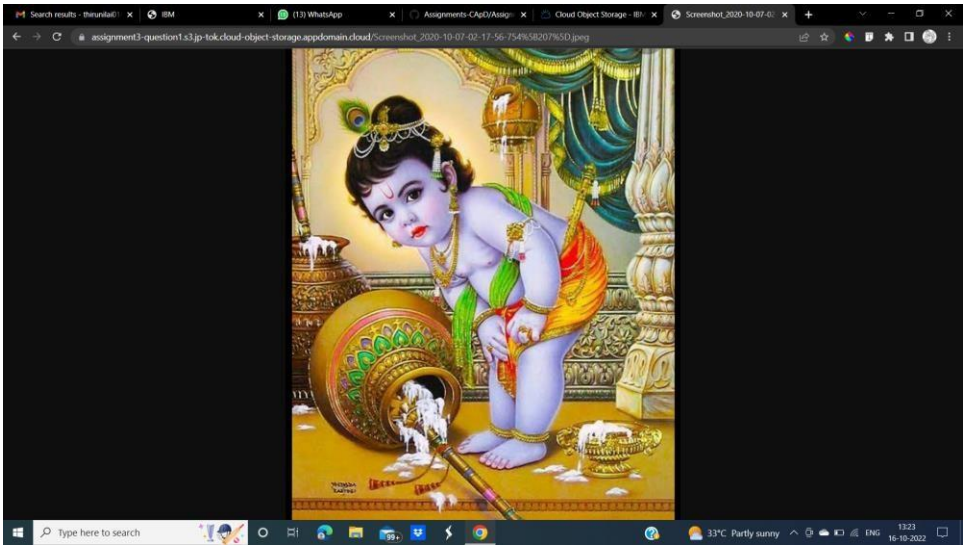
Bucket Screenshots:




IBM Cloud
Search resources and products...
Catalog
Manage
Thirunilaina...
Cloud Object Storage
Storage instances
Cloud Object Storage-as
Buckets
Integrations
Endpoints
Usage details
Service credentials
Connections
Plan
Storage / Cloud Object Storage-as /
assignment3-question1
Objects
Configuration
Permissions
If you're seeing more usage than expected, versions count towards y
Learn more
Prefix filter
Object name
Archi
Screenshot_2020-10-07-02-17-56-754[207].jpeg
Drag and drop files (objects) here or click to upload
Transfers
Upload (1 objects)
Upload (0 objects)
Delete Complete
Upload (1 objects)
Delete Complete
Upload success
Screenshot_2020-10-07-02-17-56-754[207].jpeg
2022-10-16 1:22 PM
Type here to search
33°C Partly sunny
ENG
1322
16-10-2022


IBM Cloud
Search resources and products...
Catalog
Manage
Thirunilaina...
Cloud Object Storage
Storage instances
Cloud Object Storage-as
Buckets
Integrations
Endpoints
Usage details
Service credentials
Connections
Plan
Storage / Cloud Object Storage-as /
assignment3-question1
Transfers
Details
Actions...
Objects
Configuration
Permissions
Warning: All objects in this bucket have public view access.
If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads
Learn more
Prefix filter
Upload
Object name
Archived
Size
Last modified
Screenshot_2020-10-07-02-17-56-754[207].jpeg
991.0 KB
2022-10-16 1:22 PM
Drag and drop files (objects) here or click to upload
Type here to search
33°C Partly sunny
ENG
1323
16-10-2022


IBM Cloud
Search resources and products...
Catalog
Manage
Thirunilaina...
Cloud Object Storage
Storage instances
Cloud Object Storage-as
Buckets
Integrations
Endpoints
Usage details
Service credentials
Connections
Plan
Screenshot_2020-10-07-02-17-56-754[207].jpeg
Download object
Delete object
Overview
Lifecycle
Object details
Last modified
2022-10-16 1:22 PM
Object size
991.0 KB
Storage class
Smart Tier
Tags
0 Tags
Object Public URL
https://assignment3-question1.s3.jp-tok.cloud-object-storage.appdomain.cloud/Screenshot_2020-10-07-02-17-56-754%5B207%5D.jpeg
Access with Data Engine
If this file is of a supported format, you can access the object using an Data Engine instance. To learn more about support file formats, visit our docs.
Object Data Engine URL
cos://jp-tok/assignment3-question1/Screenshot_2020-10-07-02-17-56-754%5B207%5D.jpeg
Type here to search
33°C Partly sunny
ENG
13:23
16-10-2022


assignment3-question1.s3.jp-tok.cloud-object-storage.appdomain.cloud/Screenshot_2020-10-07-02-17-56-754%5B207%5D.jpeg
Type here to search
33°C Partly sunny
ENG
13:23
16-10-2022

Question 2: Upload any 5 images to IBM object storage and make it public. write html code to display all the 5 images

Solution:

Public URL of the 5 images:

https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/IBM-Watson-Assistant-blog-banner.jpg

https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/ibm-cloud.png

https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/ibm-db2.png

https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/kubernetes.png

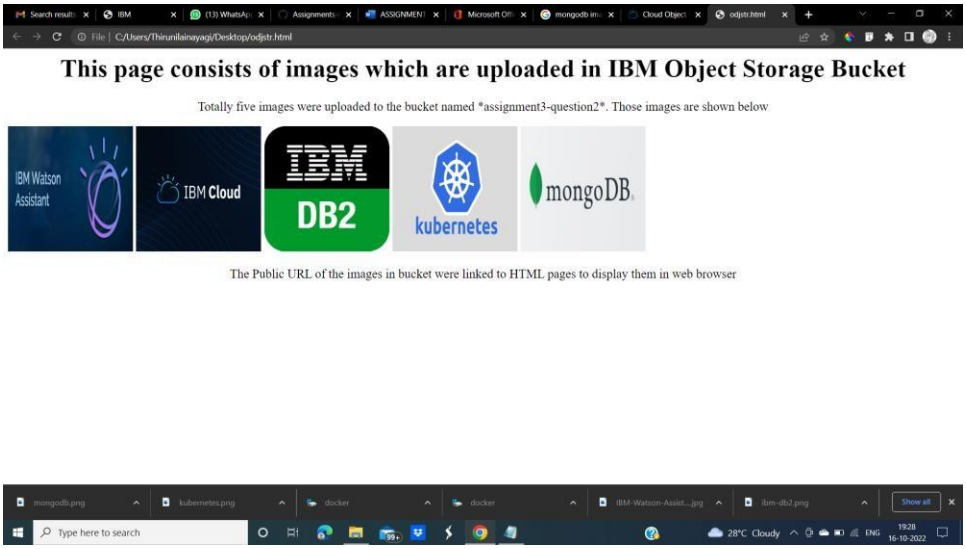
https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/mongodb.png

BucketImage.html

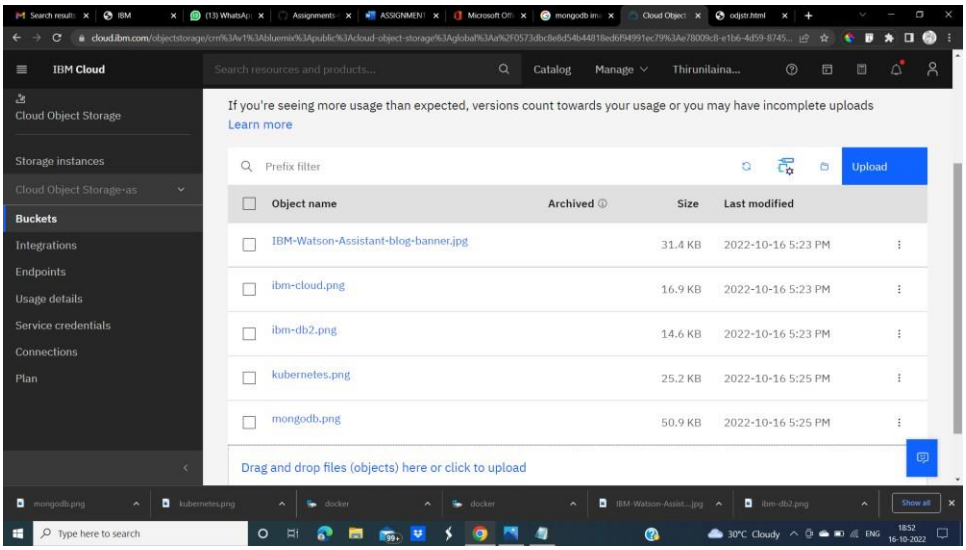
```
<html>
<body>
<center>
<h1>This page consists of images which are uploaded in IBM Object Storage Bucket</h1>
<p>
Totally five images were uploaded to the bucket named *assignment3-question2*. Those images are shown below
</p>
```

```
</center>


<div class="images">

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/IBM-Watson-Assistant-blog-banner.jpg" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/ibm-cloud.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/ibm-db2.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/kubernetes.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/mongodb.png" width="200" height="200" />

</div>

<center>

<p>The Public URL of the images in bucket were linked to HTML pages to display them in web browser</p>

</center>

</body>

</html>
```

Output:



Bucket containing all 5 images



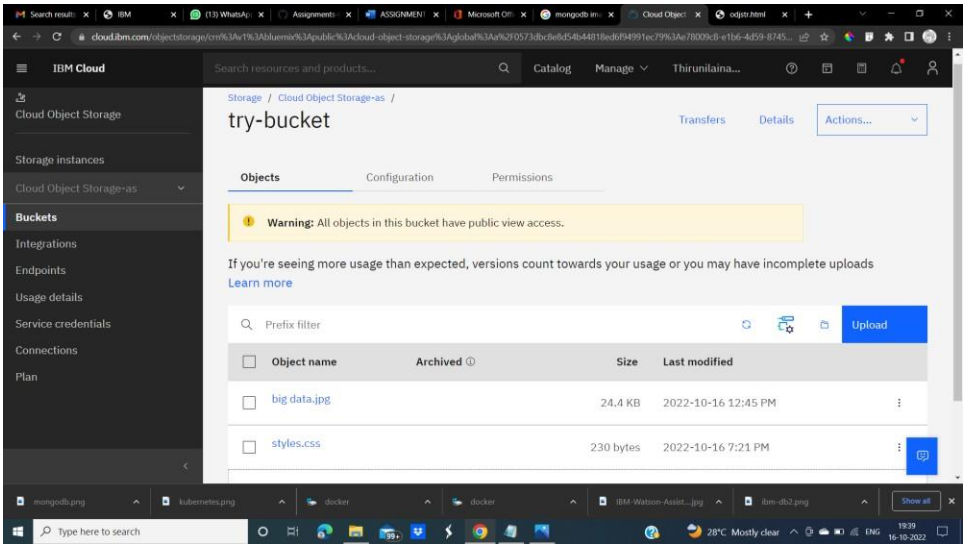
Question 3: Upload a css page to the object storage and use the same page in your HTML code

Solution:

Public URL of CSS page:

https://try-bucket.s3.jp-tok.cloud-object-storage.appdomain.cloud/styles.css

CSS Page in Bucket



BucketImage.html

```
<html>

<head>

<link rel="stylesheet" href="https://try-bucket.s3.jp-tok.cloud-object-storage.appdomain.cloud/styles.css"  />

</head>

<body>

<center>

<h1>This page consists of images which are uploaded in IBM Object Storage Bucket</h1>

<p>
```

Totally five images were uploaded to the bucket named *assignment3-question2*. Those images are shown below

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/IBM-Watson-Assistant-blog-banner.jpg" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/ibm-cloud.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/ibm-db2.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/kubernetes.png" width="200" height="200" />

<img src="https://assignment3-question2.s3.jp-tok.cloud-object-storage.appdomain.cloud/mongodb.png" width="200" height="200" />

The Public URL of the images in bucket were linked to HTML pages to display them in web browser

</body>

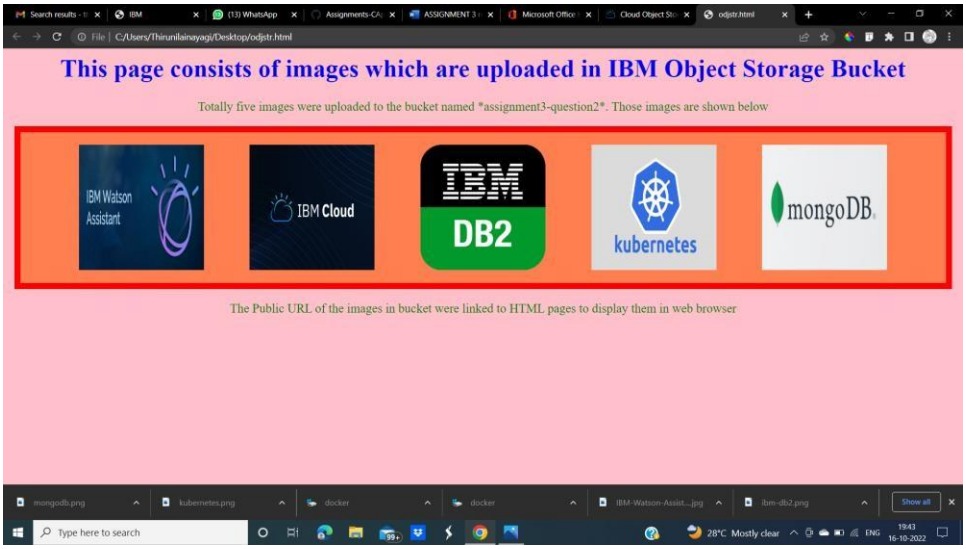
</html>

Styles.css

```
h1

{

color:blue;

}
```

```
p
{
color:green;
}
body
{
background-color:pink;
}
.images
{
border:10px solid red;
margin: 10px;
padding: 20px;
display: flex;
justify-content: space-evenly;
background-color:coral;
}
```

Output:



Question 4 :Create a chatbot using IBM Watson Assistant. Submit the URL of the web chat bot as assignment

Solution:

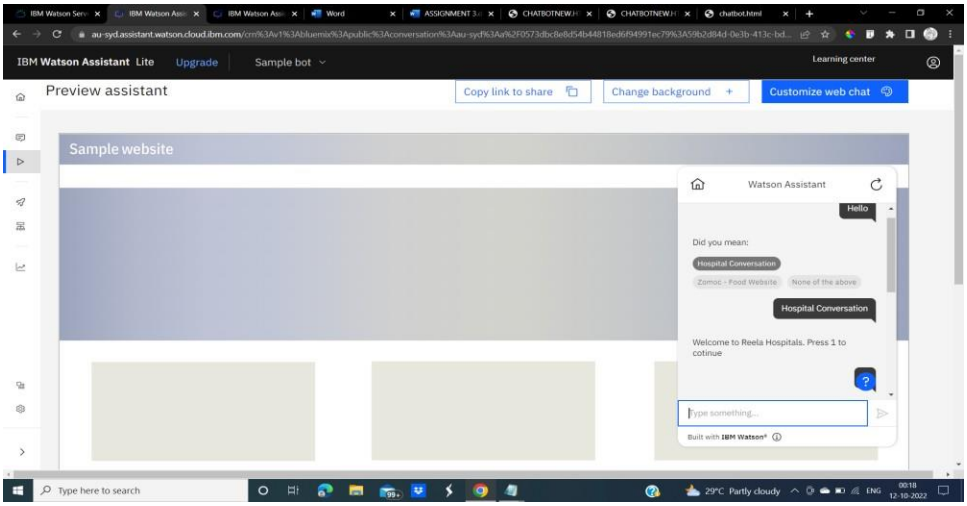
The name of the chatbot which I created is Hospital Conversation. I have given the URL of the chatbot(Script tag content) here .

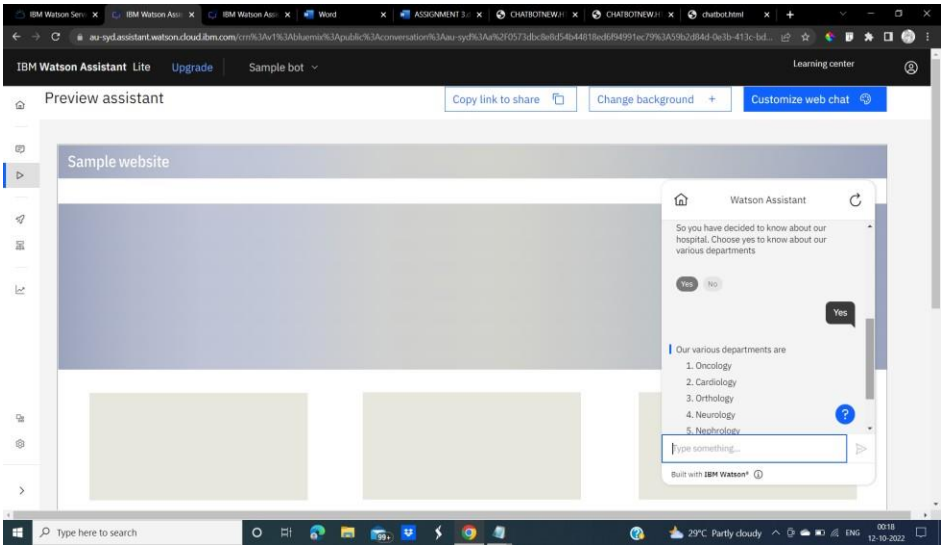
URL

```
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "2613933a-4c8a-481e-864e-0dd199d669d4", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "59b2d84d-0e3b-413c-bd0a-f8ddc6a8ab0a", // The ID of your service instance.
    onLoad: function(instance) { instance.render(); }
  };
  setTimeout(function(){
    const t=document.createElement('script');
```

```
    t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') +
"/WatsonAssistantChatEntry.js";
    document.head.appendChild(t);
  });
</script>
```

OUTPUT:





Question 5 : Create Watson Assistant service with 10 steps and 3 conditions. Load that script in HTML.

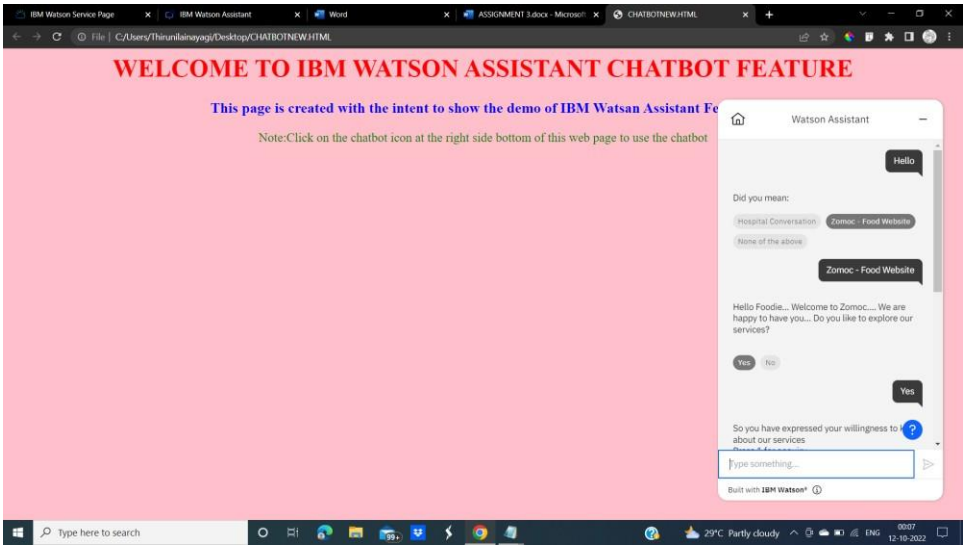
Solution:

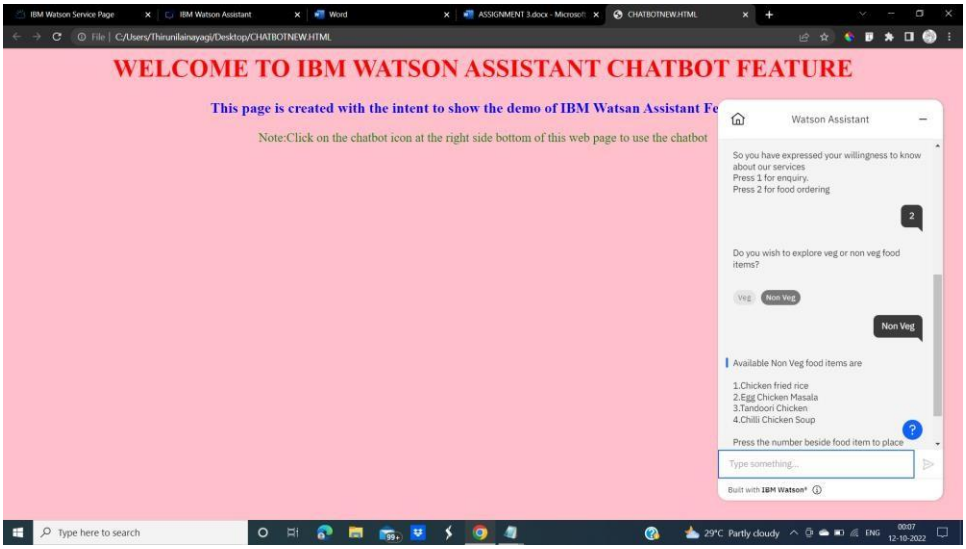
Chatbot.html

```
<html>

<body style="background-color:pink">

<center>

<h1 style="color:red">WELCOME TO IBM WATSON ASSISTANT CHATBOT FEATURE</h1>

<h3 style="color:blue">This page is created with the intent to show the demo of IBM Watsan Assistant Feature.</h3>

<p style="color:green">Note:Click on the chatbot icon at the right side bottom of this web page to use the chatbot</p>

</center>

<script>

  window.watsonAssistantChatOptions = {

    integrationID: "2613933a-4c8a-481e-864e-0dd199d669d4", // The ID of this integration.
```

```
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "59b2d84d-0e3b-413c-bd0a-f8ddc6a8ab0a", // The ID of your service instance.
    onLoad: function(instance) { instance.render(); }
  };
  setTimeout(function(){
    const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
    document.head.appendChild(t);
  });
</script>
</body>
</html>
```

OUTPUT:


IBM Watson Service Page
IBM Watson Assistant
Word
ASSIGNMENT 3.docx - Microsoft
CHATBOTNEW.HTML
File | C:/Users/Thirunilainayagi/Desktop/CHATBOTNEW.HTML
WELCOME TO IBM WATSON ASSISTANT CHATBOT FEATURE
This page is created with the intent to show the demo of IBM Watsan Assistant Fe
Note:Click on the chatbot icon at the right side bottom of this web page to use the chatbot
Watson Assistant
Hello
Did you mean:
Hospital Conversation
Zomoc - Food Website
None of the above
Zomoc - Food Website
Hello Foodie... Welcome to Zomoc.... We are happy to have you... Do you like to explore our services?
Yes
No
Yes
So you have expressed your willingness to k
about our services
Type something...
Built with IBM Watson®
Type here to search
29°C Partly cloudy
ENG
00:07
12-10-2022


IBM Watson Service Page
IBM Watson Assistant
Word
ASSIGNMENT 3.docx - Microsoft
CHATBOTNEW.HTML
File | C:/Users/Thirunilainayagi/Desktop/CHATBOTNEW.HTML
WELCOME TO IBM WATSON ASSISTANT CHATBOT FEATURE
This page is created with the intent to show the demo of IBM Watsan Assistant Fe
Note:Click on the chatbot icon at the right side bottom of this web page to use the chatbot
Watson Assistant
So you have expressed your willingness to know about our services
Press 1 for enquiry.
Press 2 for food ordering
2
Do you wish to explore veg or non veg food items?
Veg
Non Veg
Non Veg
Available Non Veg food items are
1.Chicken fried rice
2.Egg Chicken Masala
3.Tandoori Chicken
4.Chilli Chicken Soup
Press the number beside food item to place
Type something...
Built with IBM Watson®
Type here to search
29°C Partly cloudy
ENG
00:07
12-10-2022