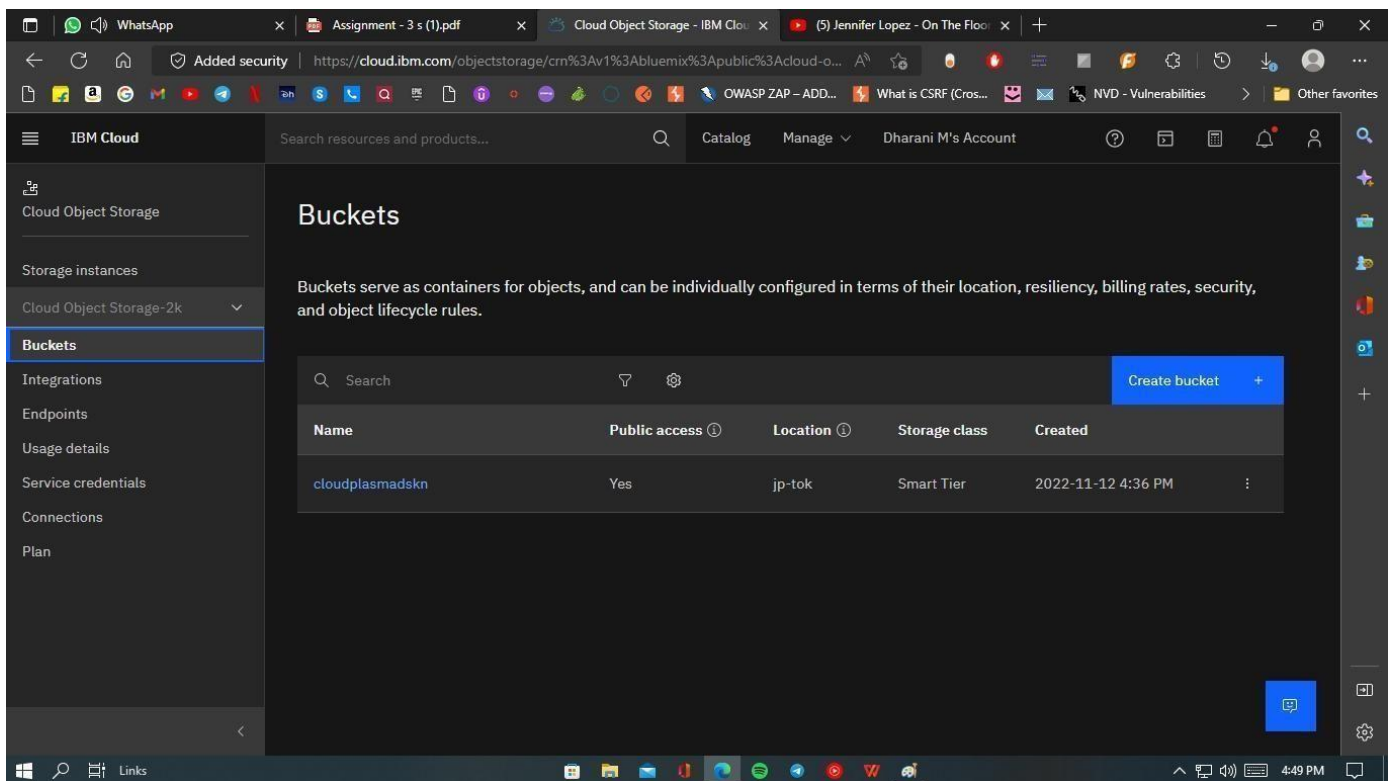


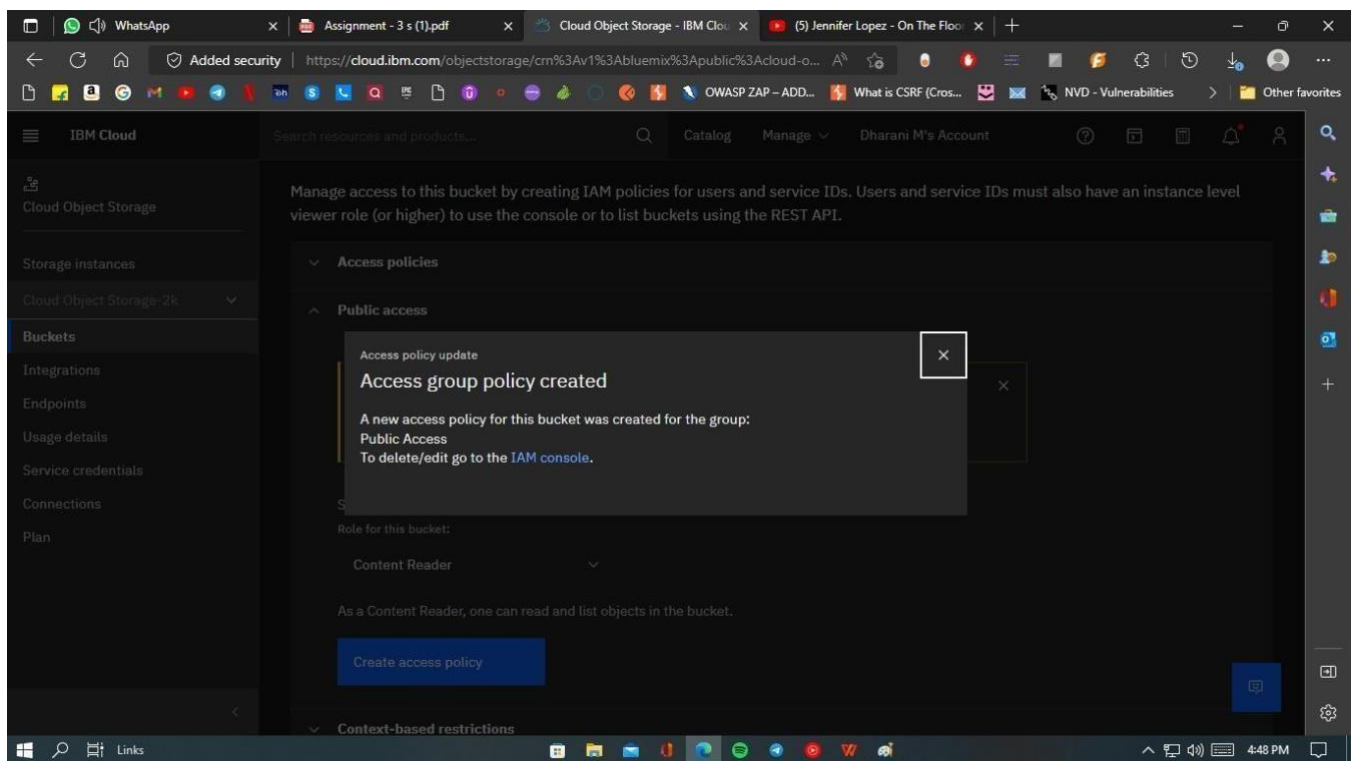
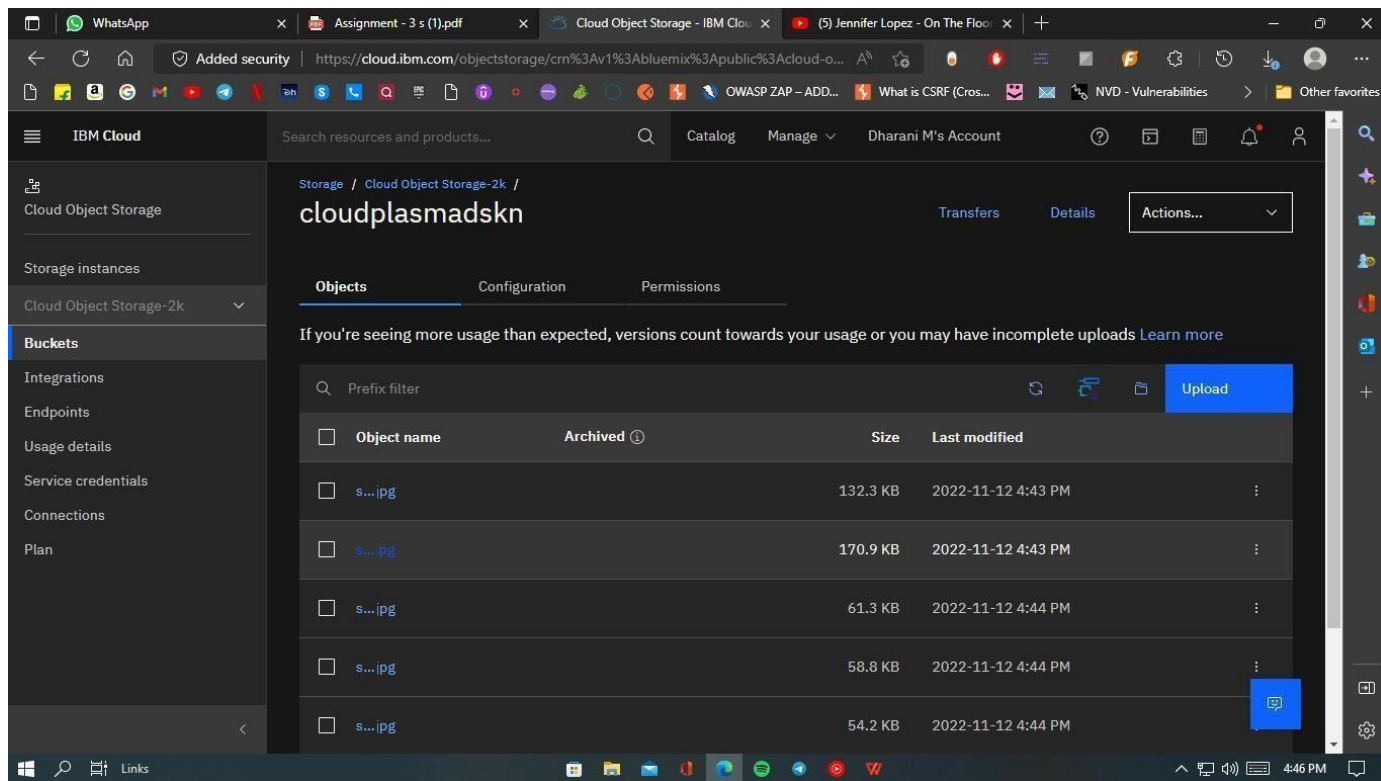
Assignment-3

Date	10 October 2022
Team ID	PNT2022TMID30734
Project Name	Plasma Donor Application

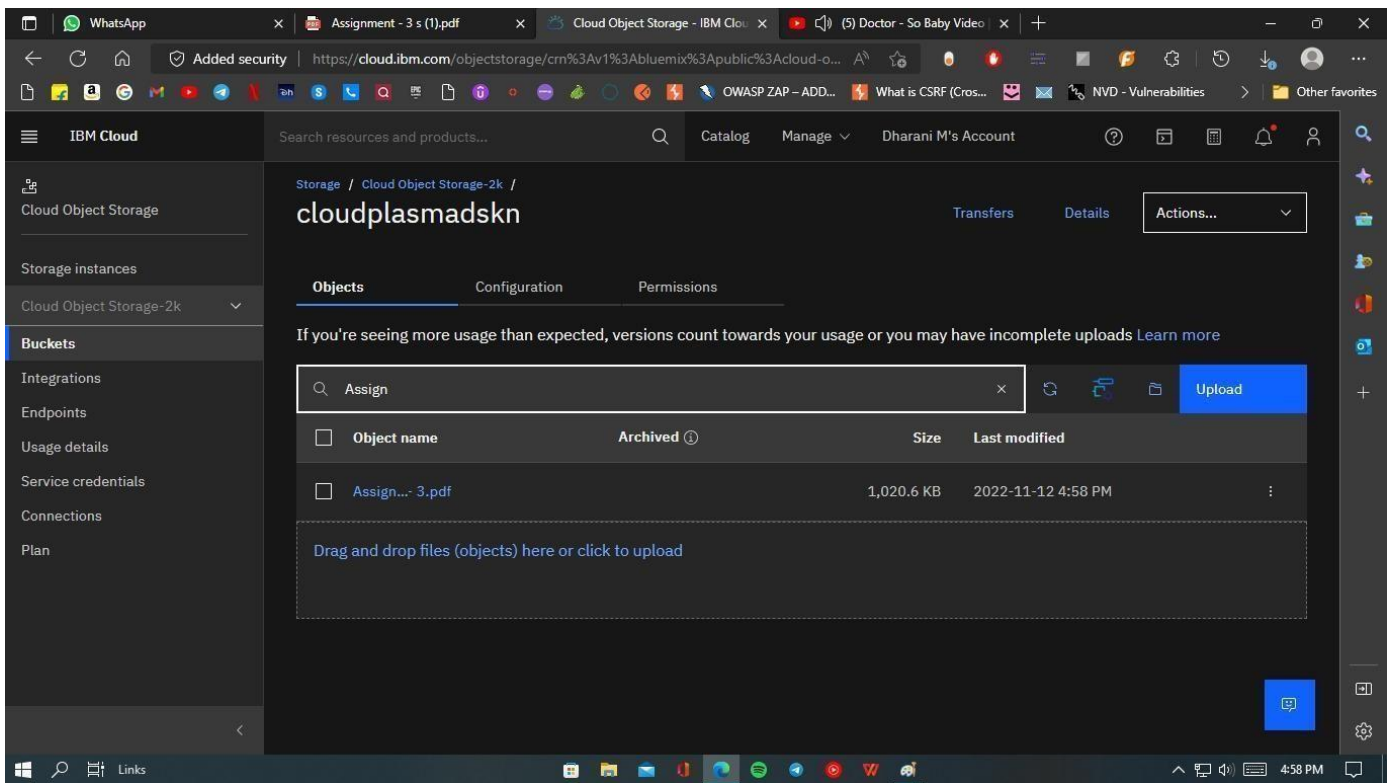
1. CREATE A BUCKET IN IBM OBJECT STORAGE.



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



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

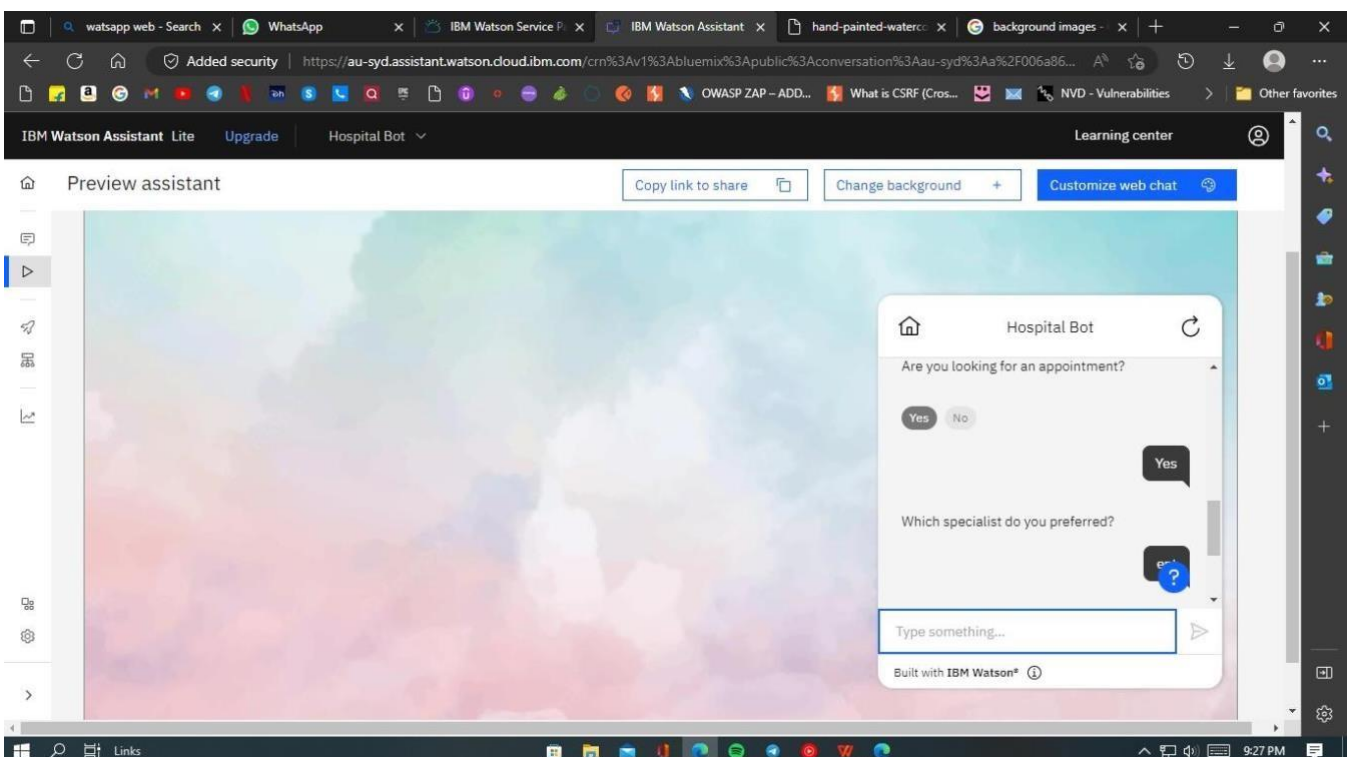
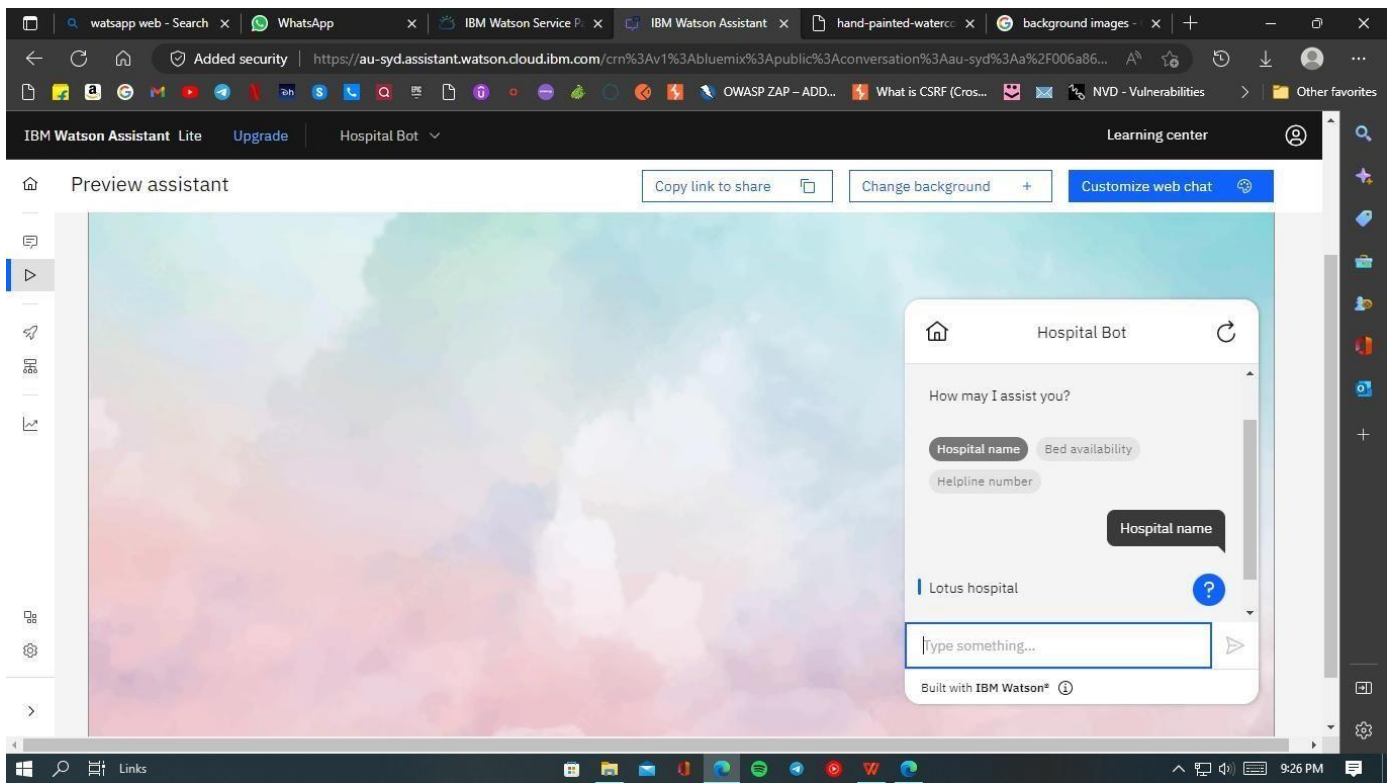


```

*index (3) - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Home</title>
<link rel="stylesheet" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/cloudbucket/assign3.css')}}" type="text/css">
<script>
window.watsonAssistantChatOptions = {
  integrationID: "071dc600-f0fd-45a5-92bc-d982a6207518", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "81dcfc37-7f74-45f6-9701-1211b216b482", // 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') + "/WatsonAssistantChatEn
  document.head.appendChild(t);
});
</script>
</head>
<body>
<form action="/uploader" method="POST" enctype="multipart/form-data">
<input type="text" placeholder="Enter file name" name="filename" />
<br />
<br />
<input type="file" name="file" />
<br />
<br />
<input type="submit" />
</form>
<br/>
<br/>
<br/>
</body>
</html>
Ln 8, Col 161 100% Windows (CRLF) UTF-8

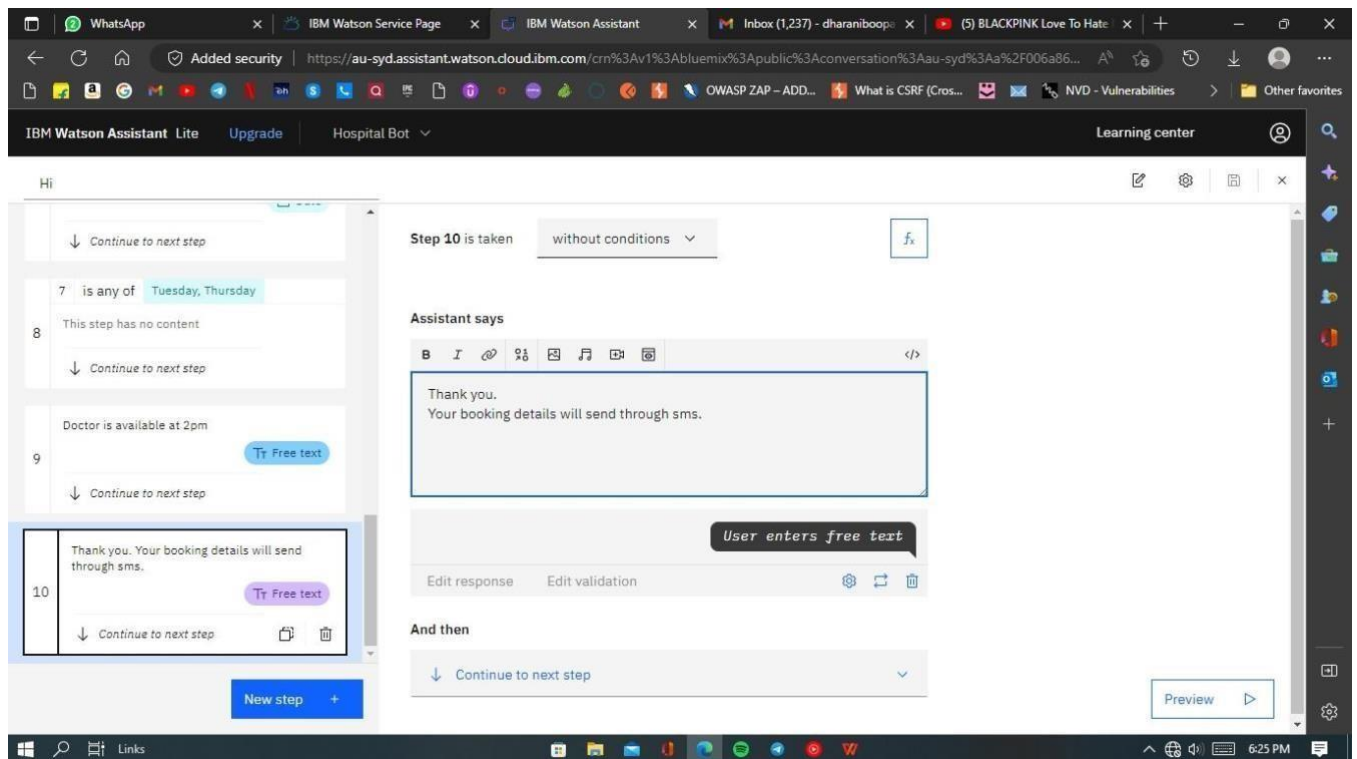
```

3. Design a chatbot using IBM Watson assistant for hospital.

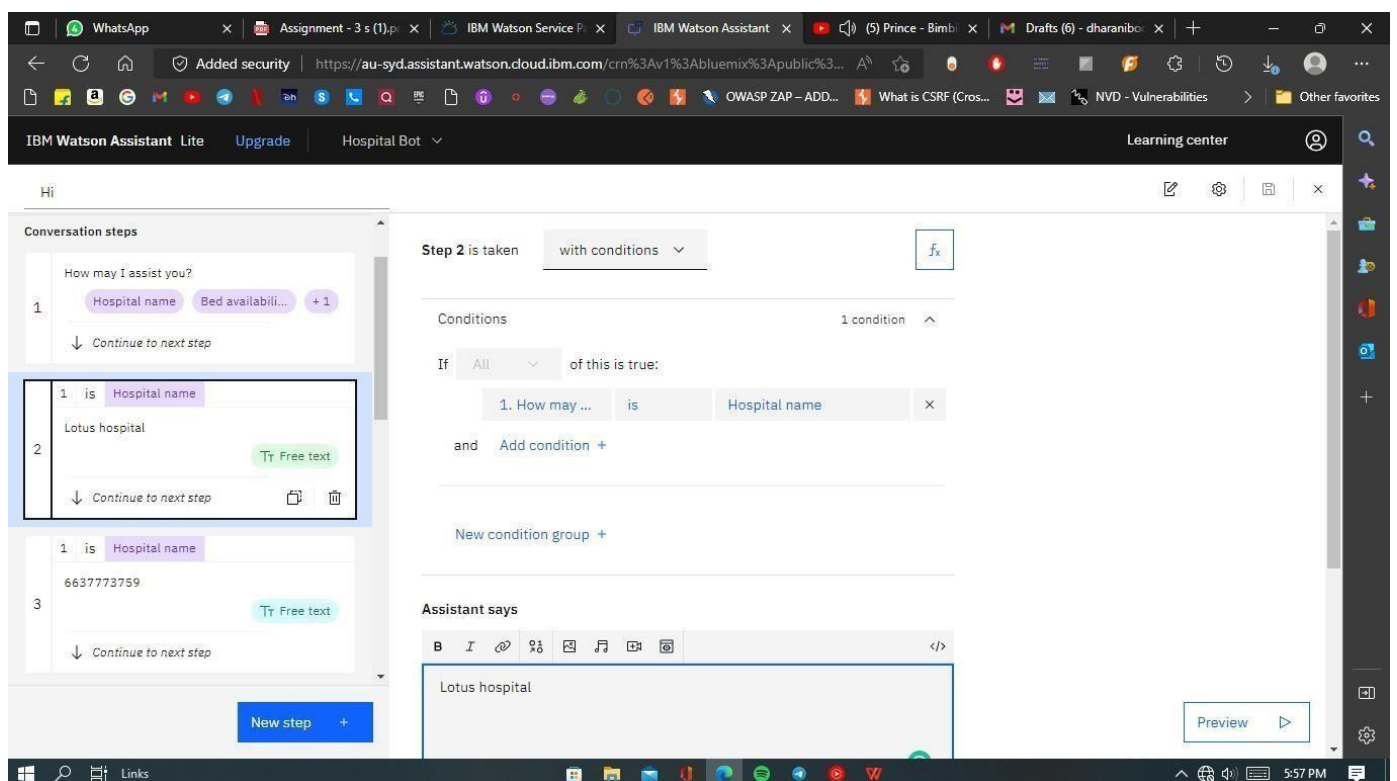


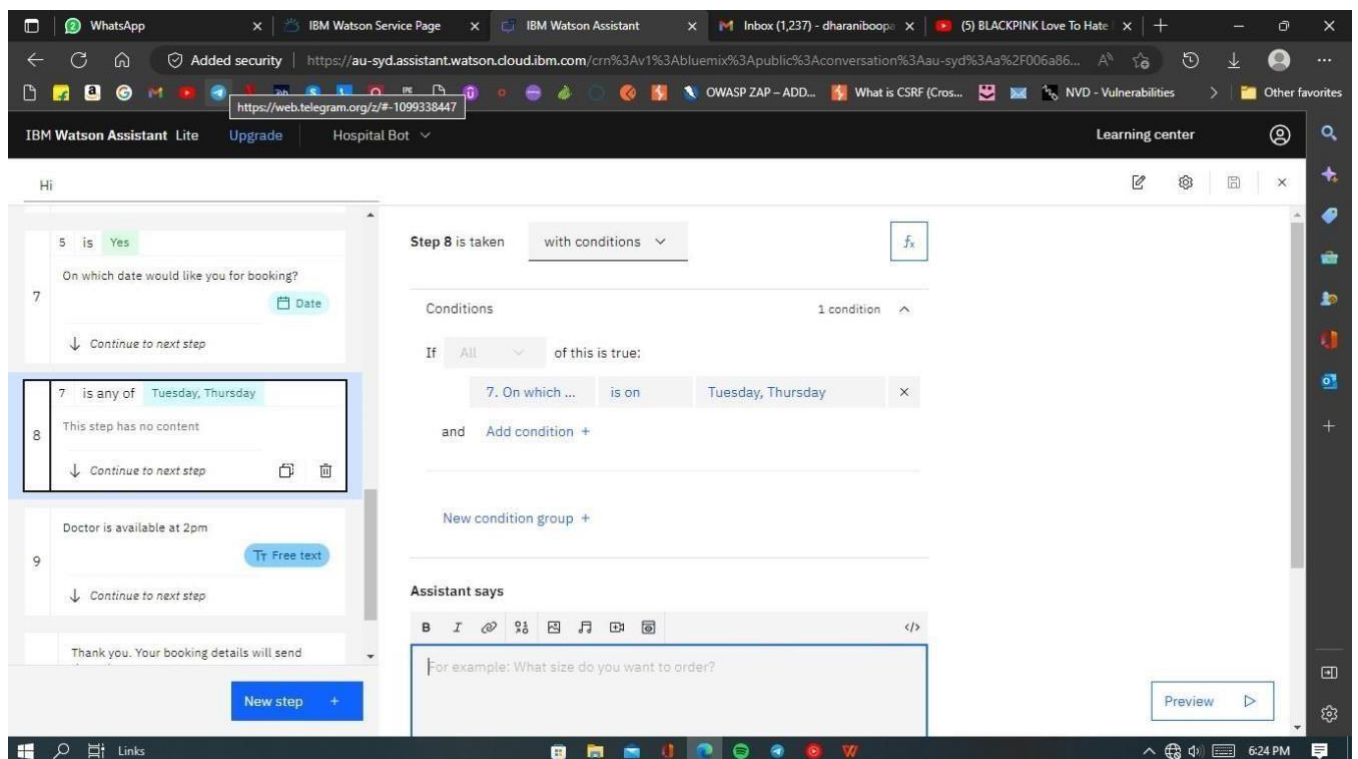
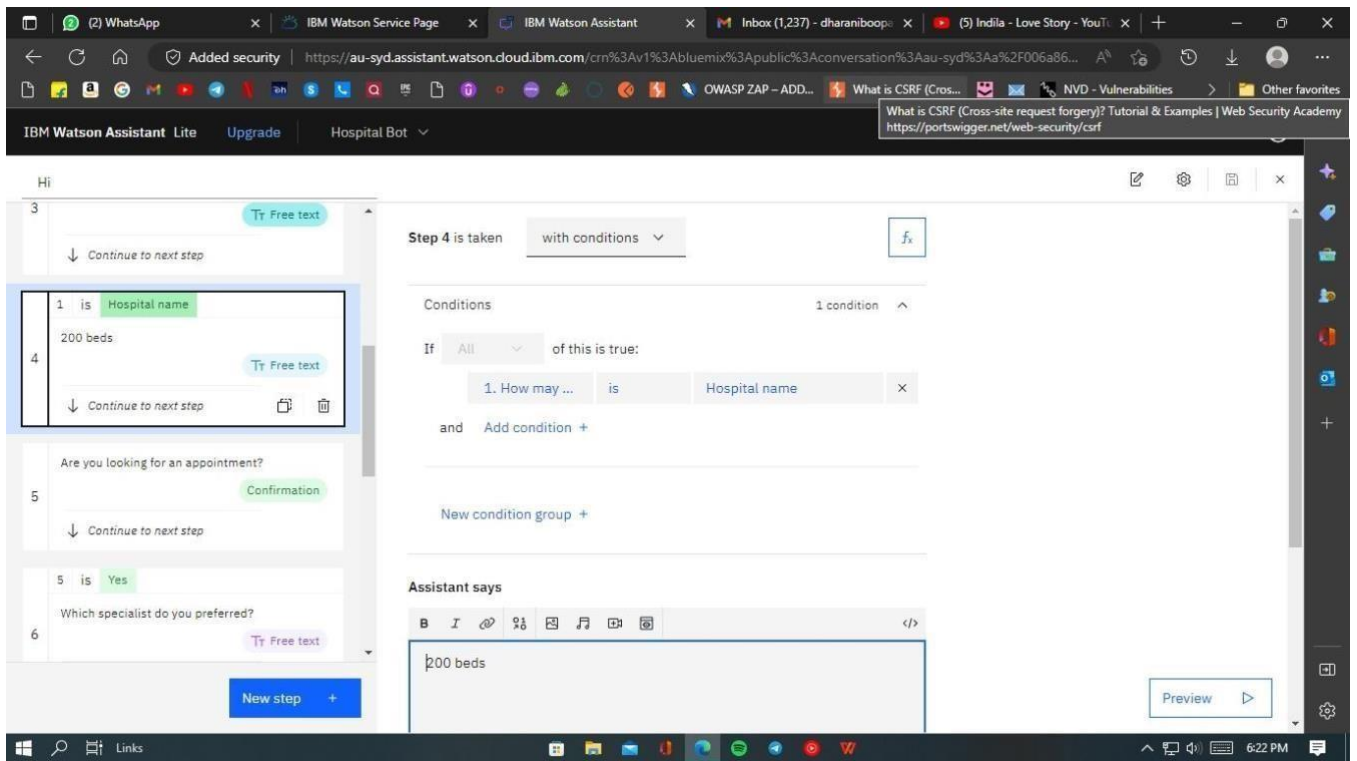
Web URL for Assistant: <https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-81dcfc37-7f74-45f6-9701-1211b216b482%3A%3Ace4636a6-a721-40ff-8fb8-9ade0c423e32&integrationID=071dc600-f0fd-45a5-92bc-d982a6207518®ion=au-syd&serviceInstanceID=81dcfc37-7f74-45f6-9701-1211b216b482>

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



Included 3 conditions in steps:





Index.html

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8" />
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
```

```

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Home</title>

<link rel="stylesheet" href="{ {url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/cloudbucket/assign3.css') } }" type="text/css">

<script>
    window.watsonAssistantChatOptions = {    integrationID: "071dc600-f0fd-45a5-92bc-d982a6207518", // The ID of this integration.    region: "au-syd", // The region your integration is hosted in.

        serviceInstanceID: "81dcfc37-7f74-45f6-9701-1211b216b482", // 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>

</head>

<body>

<form action="/uploader" method="POST" enctype="multipart/form-data">

    <input type="text" placeholder="Enter file name" name="filename" />

                                                                                   <br />

    <br />

    <input type="file" name="file" />

    < br />

    <br />

    <input type="submit" />

</form>

<br/>

<br/>

<br/>

```

```
{% for row in files %}
```

```
<div style="border: 1px solid #EFEFEF;margin:10px;">
```

```
<h3>Filename : {{row}} </h3>
```

```
</td>
```

```
</div>
```

```
{% endfor %}
```

```
</body>
```

```
</html>
```

App.py

```
import io  from flask import Flask,redirect,url_for,render_template,request  
import ibm_boto3  from ibm_botocore.client import Config,  
ClientError
```

```
COS_ENDPOINT="https://s3.jp-tok.cloud-object-storage.appdomain.cloud"
```

```
COS_API_KEY_ID=""
```



```
COS_INSTANCE_CRN=""
```

```
cos = ibm_boto3.resource("s3", ibm_api_key_id=COS_API_KEY_ID,  
    ibm_service_instance_id=COS_INSTANCE_CRN,  
    config=Config(signature_version="oauth"),  
    endpoint_url=COS_ENDPOINT  
)  
app=Flask(_name_)
```

```
@app.route('/')  
def index(): try:
```

```
    files =  
    cos.Bucket('cloudbucket').objects.all()  
    files_names = []  
    for file in files:  
        files_names.append(file.key)  
    print(file)  
    print("Item: {0} ({1} bytes)".format(file.key, file.size))  
    return render_template('index.html',files=files_names)
```

```
except ClientError as be:
```

```
    print("CLIENT ERROR: {0}\n".format(be))  
    return  
    render_template('index.html')
```

```
except Exception as e:
```

```
    print("Unable to retrieve bucket contents: {0}".format(e))  
    return  
    render_template('index.html')
```

```
@app.route('/uploader',methods=['POST']) def
```

```
upload():
```

```
    name_file=request.form['filename']
```

```
    f = request.files['file'] try:
```

```
        part_size = 1024 * 1024 * 5
```

```
        file_threshold = 1024 * 1024 * 15
```

```
        transfer_config = ibm_boto3.s3.transfer.TransferConfig(  
multipart_threshold=file_threshold,
```

```
        multipart_chunksize=part_size
```

)

```
content = f.read() cos.Object('cloudbucket',
    name_file).upload_fileobj(
        Fileobj=io.BytesIO(content),
        Config=transfer_config
    )
return redirect(url_for('index'))
```

```
except ClientError as be: print("CLIENT ERROR:
    {0}\n".format(be)) return
    redirect(url_for('index'))
```

```
except Exception as e:
    print("Unable to complete multi-part upload: {0}".format(e)) return
    redirect(url_for('index'))
```

```
if __name__=='_main_':
    app.run(host='0.0.0.0',port=8080,debug=True)
```