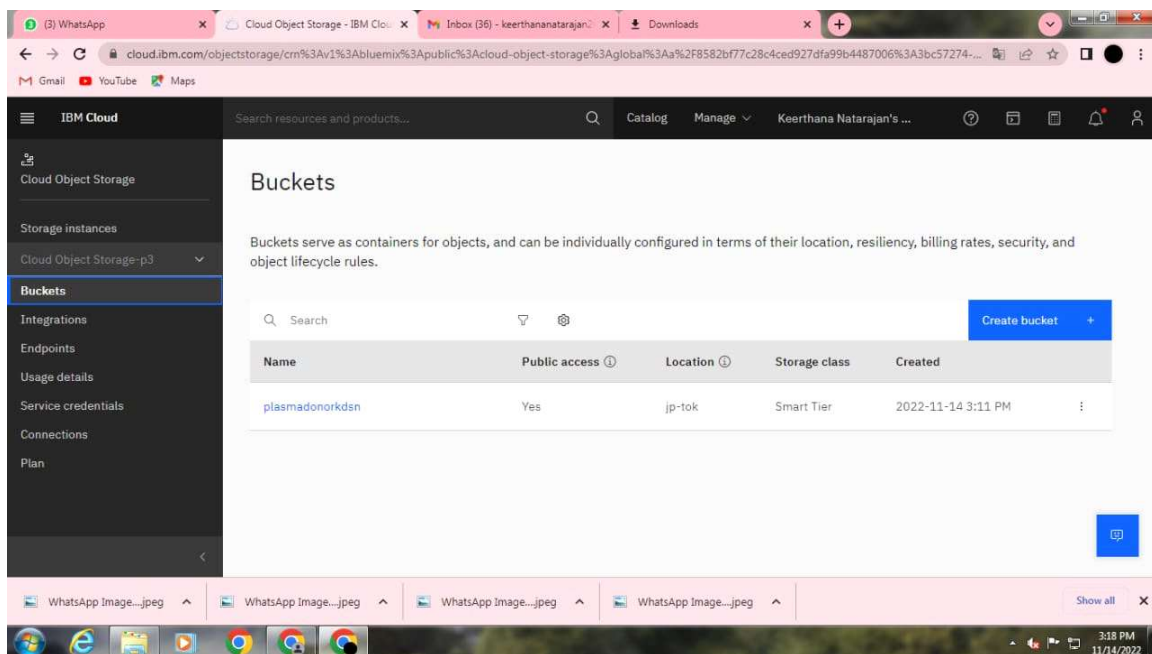


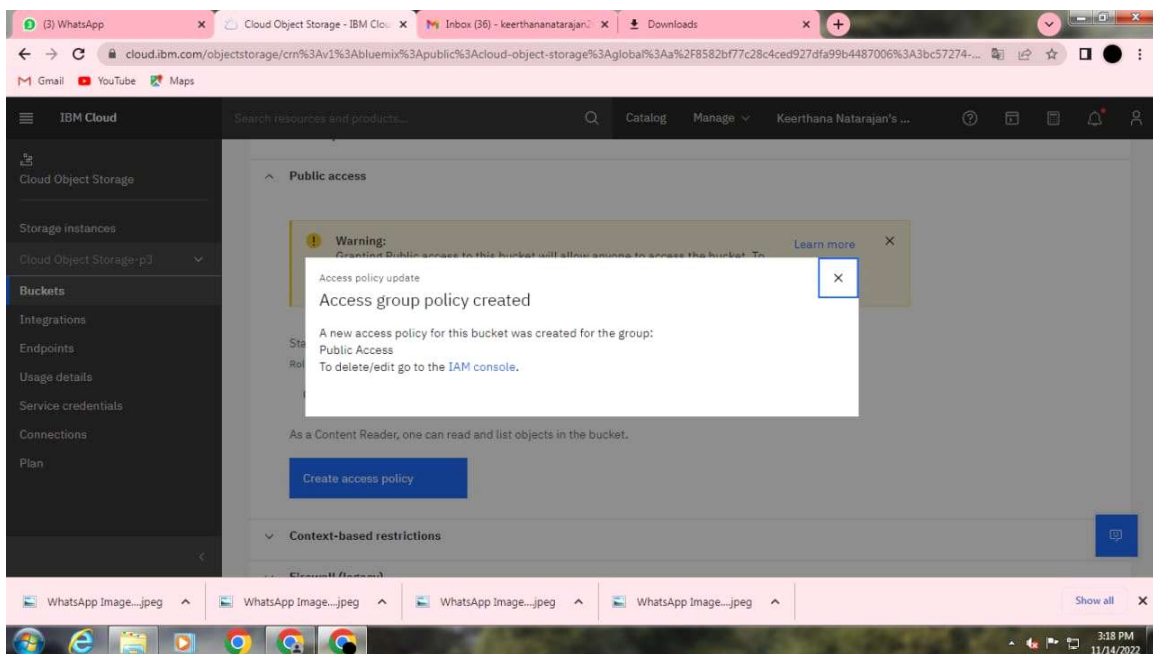
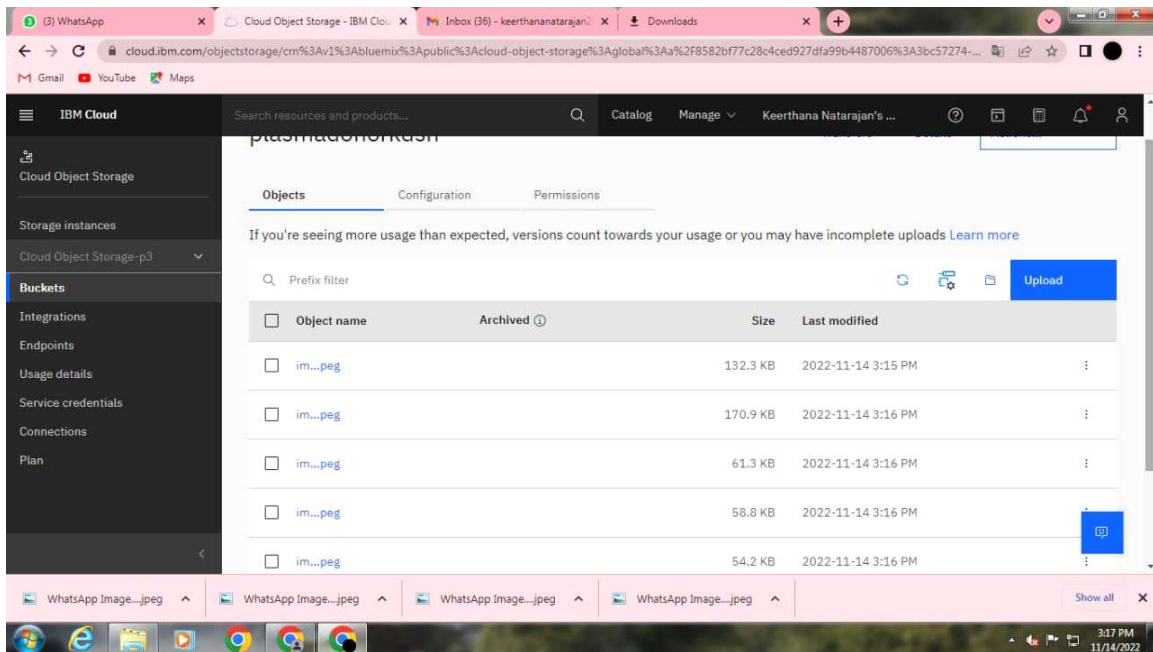
Assignment-3

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

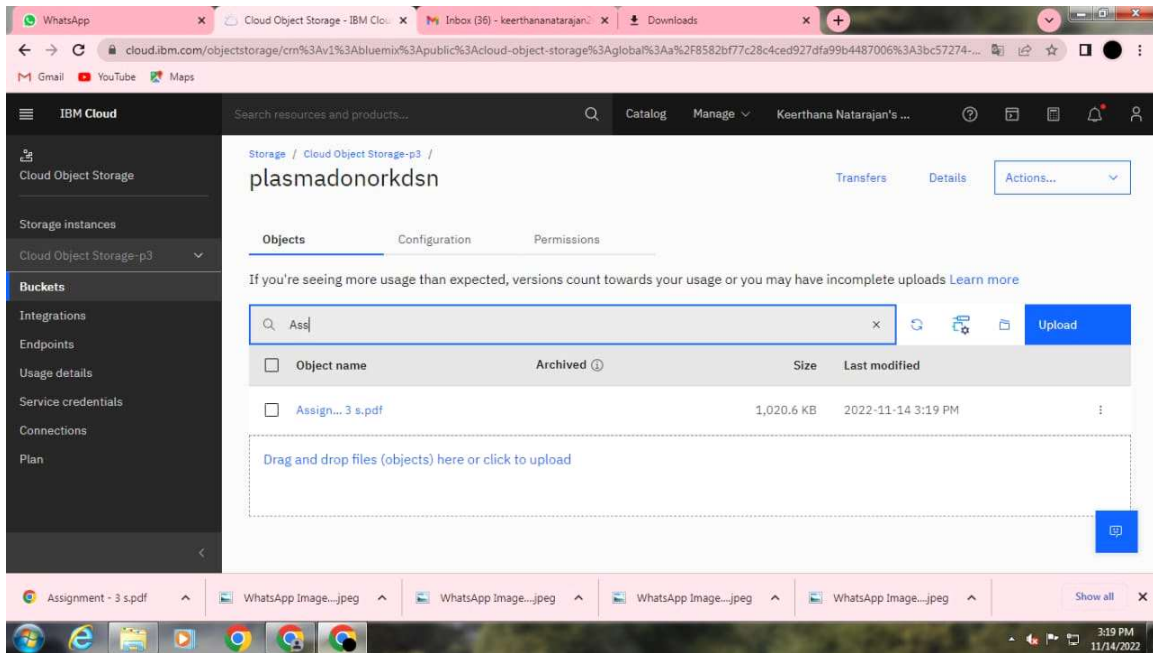
- **CREATE A BUCKET IN IBM OBJECT STORAGE.**



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

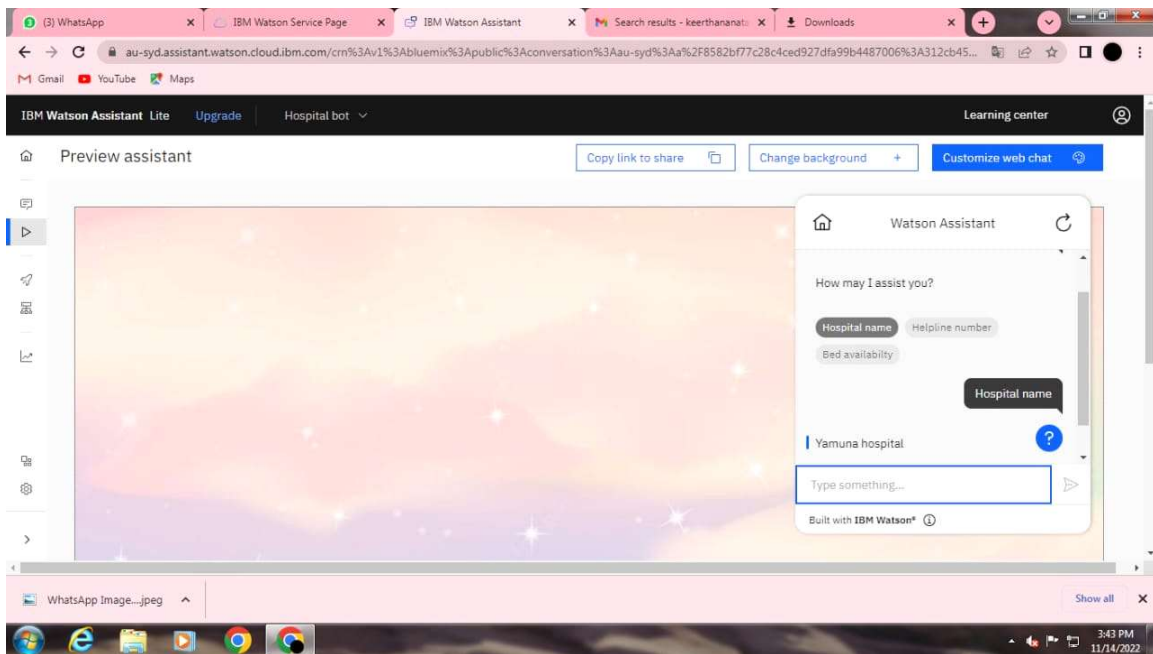


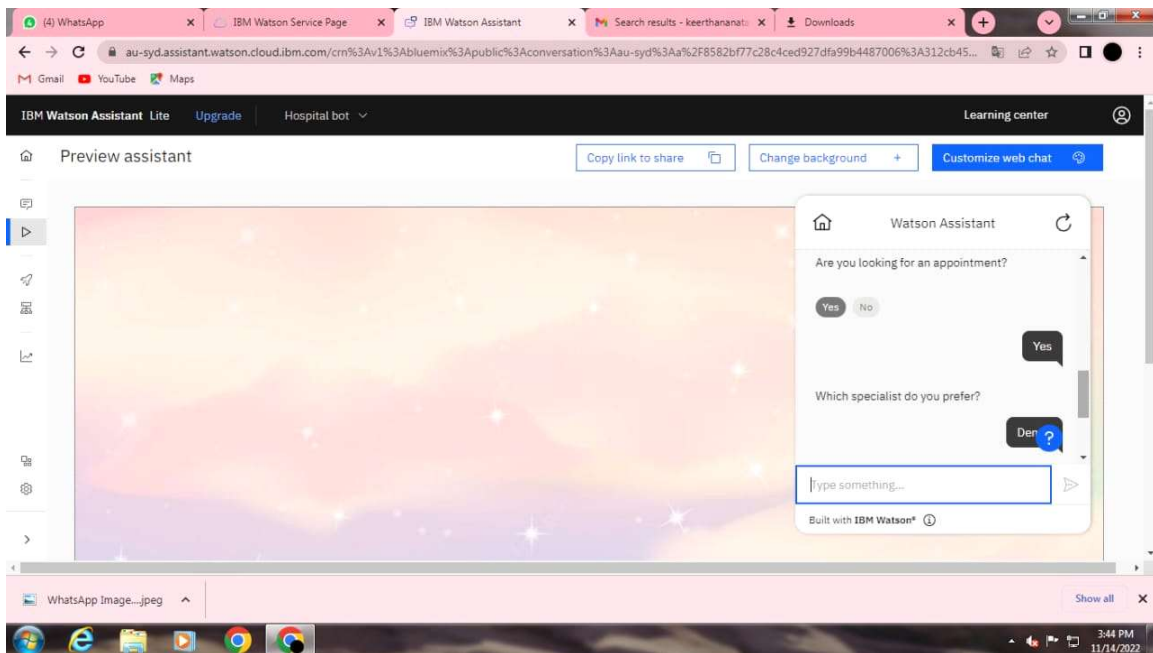
Upload a css page to the object storage and use the same page in your HTML code.



```
index - 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')}}" />
<script>
window.watsonAssistantChatOptions = {
  integrationID: "90c2dead-059e-4732-a74d-4cba75b1f037", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "ee2827b3-21c8-4490-b0e5-9a3853d7525e", // 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')
  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 />
</body>
```

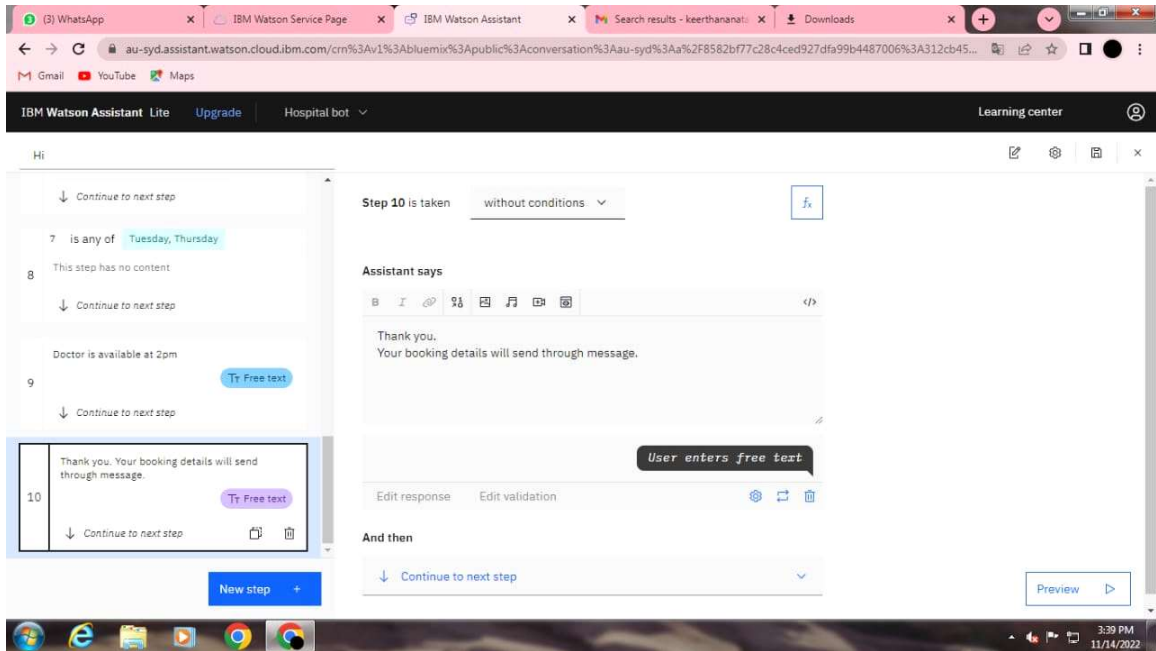
Design a chatbot using IBM Watson assistant for hospital.





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-312cb45b-a2fc-40b7-b06e-9069d8140a26%3A%3A52e7cb6a-db16-4729-9828-fb4abac3c8f8&integrationID=87c57457-c1a2-4d00-b44d-706e654721cc®ion=au-syd&serviceInstanceID=312cb45b-a2fc-40b7-b06e-9069d8140a26>

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



Included 3 conditions in steps:

IBM Watson Assistant interface showing Step 2 configuration. The left pane displays the conversation steps, and the right pane shows the conditions and assistant response for Step 2.

Customer starts with: Hi

Conversation steps:

1. How may I assist you?
Hospital name Helpline num... +1
Continue to next step
2. 1 is Hospital name
Yamuna hospital
Continue to next step
- 2 is Defined
6638823859

Step 2 is taken with conditions

Conditions: 1 condition

If All of this is true:

- 1. How may I ... is Hospital name

and Add condition +

New condition group +

Assistant says:

Yamuna hospital

Preview

IBM Watson Assistant interface showing Step 4 configuration. The left pane displays the conversation steps, and the right pane shows the conditions and assistant response for Step 4.

Customer starts with: Hi

Conversation steps:

- 2 is Defined
6638823859
Continue to next step
- 3 is Defined
200 beds
Continue to next step
- Are you looking for an appointment?
Confirmation
Continue to next step

Step 4 is taken with conditions

Conditions: 1 condition

If All of this is true:

- 3. 6638823859 is defined

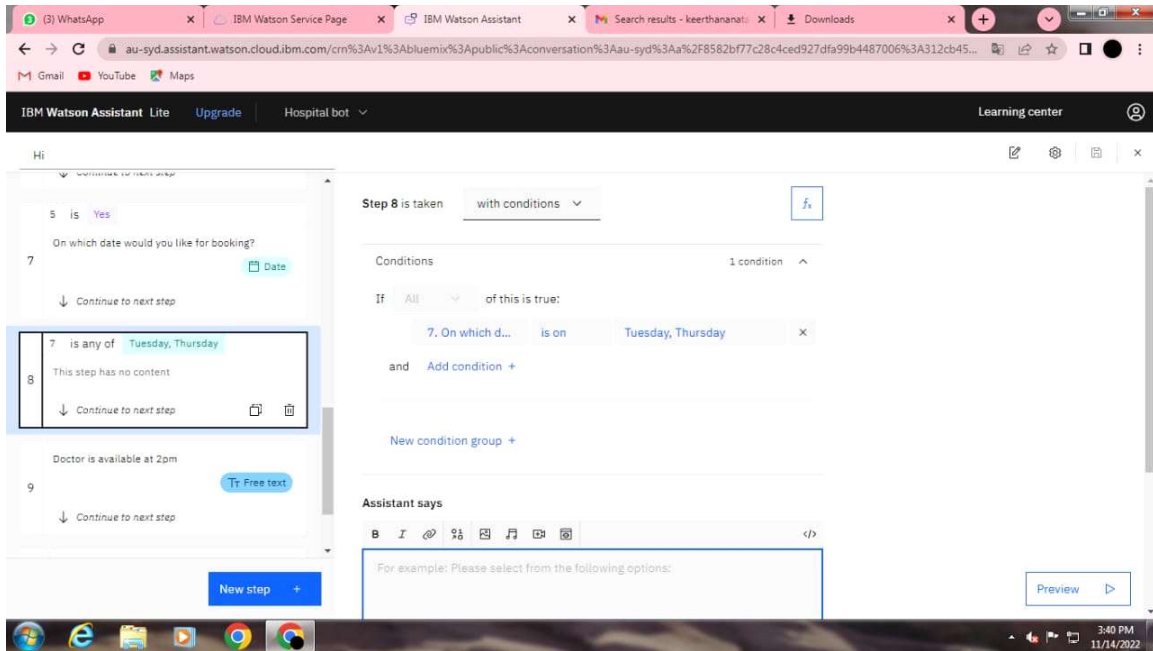
and Add condition +

New condition group +

Assistant says:

200 beds

Preview



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-objectstorage.appdomain.cloud/cloudbucket/assign3.css') } }" type="text/css">
```

```
<script>
```

```
window.watsonAssistantChatOptions = {
```

```
integrationID: "ab96c998-fc56-44eb-9ba1-001d502fc47f", // The ID of this
integration.
```

```
region: "au-syd", // The region your integration is hosted in.
```

```
serviceInstanceID: "566bcbbe-3656-4fee-8c72-9853c64f35e3", // 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
```