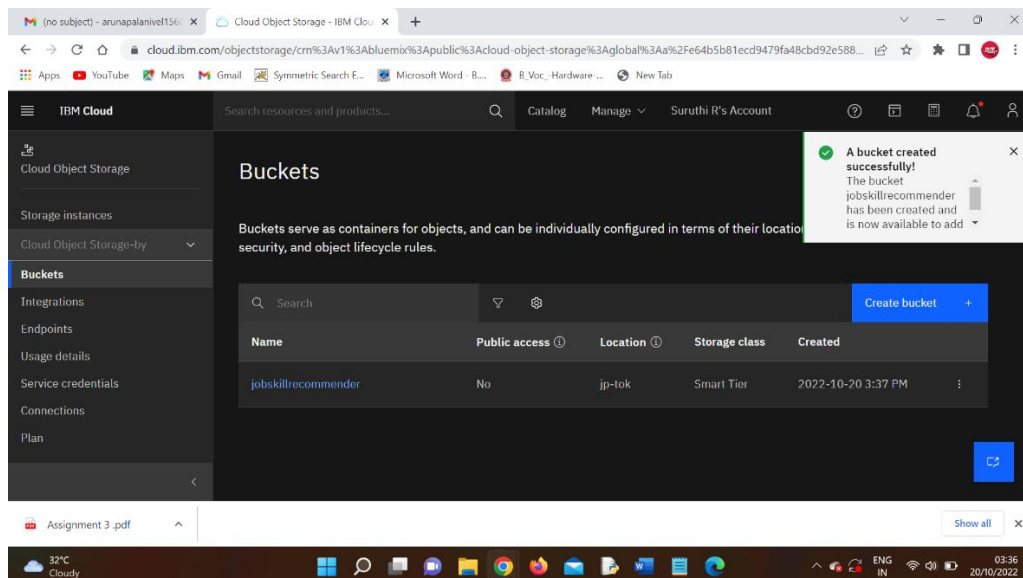


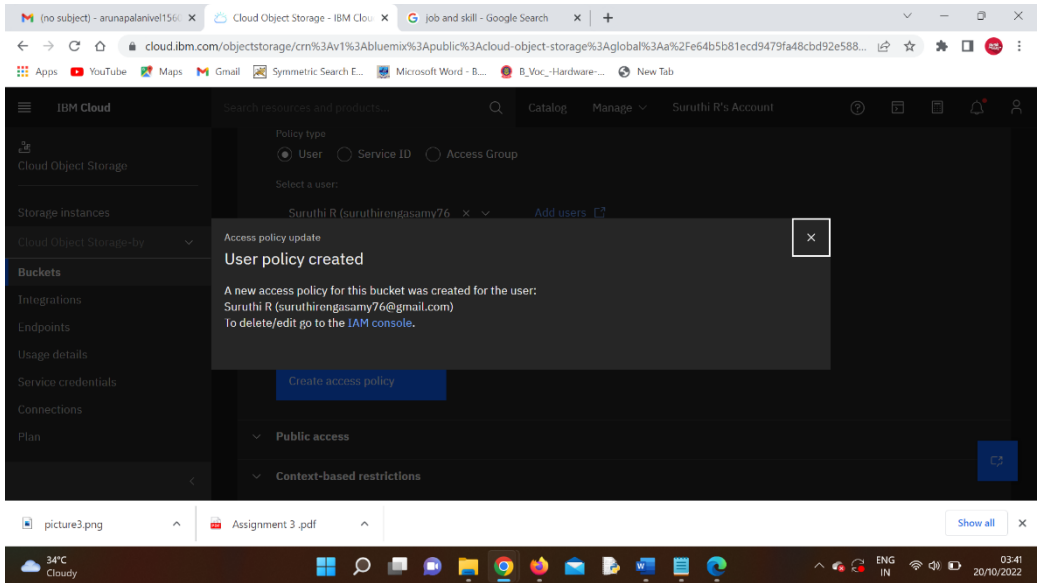
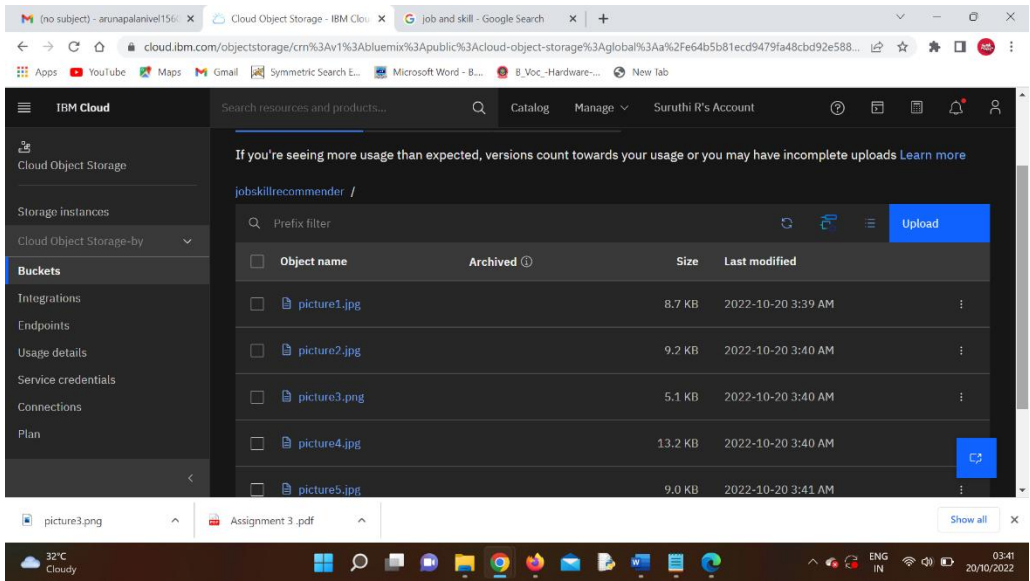
Assignment-3

Date	10 October 2022
Team ID	PNT2022TMID30600
Project Name	Skill and Job Recommender Application

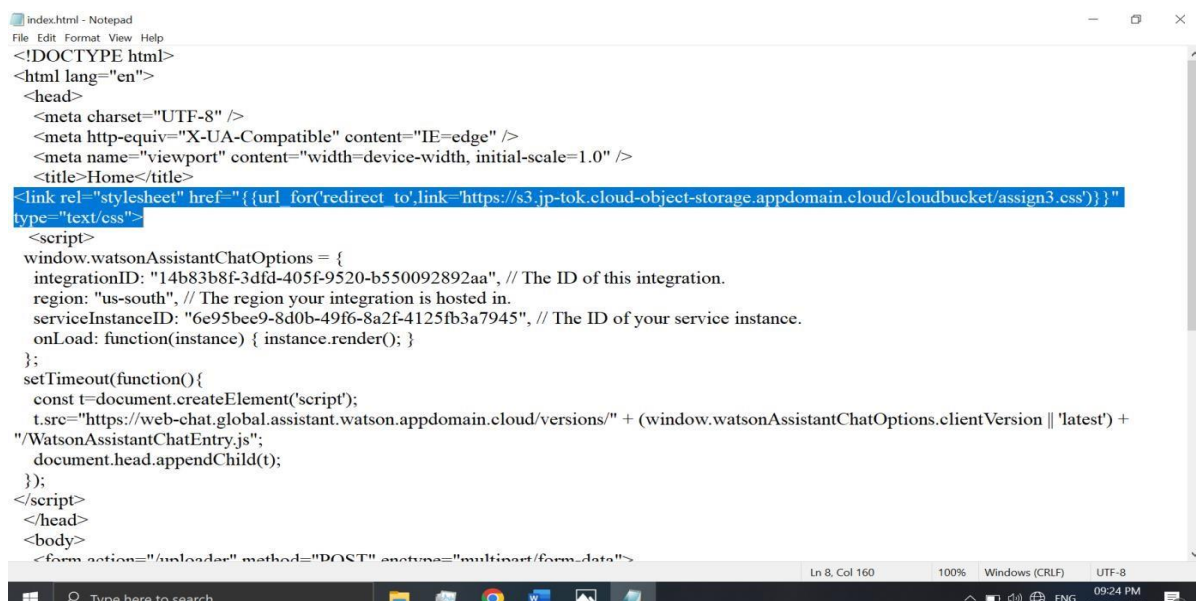
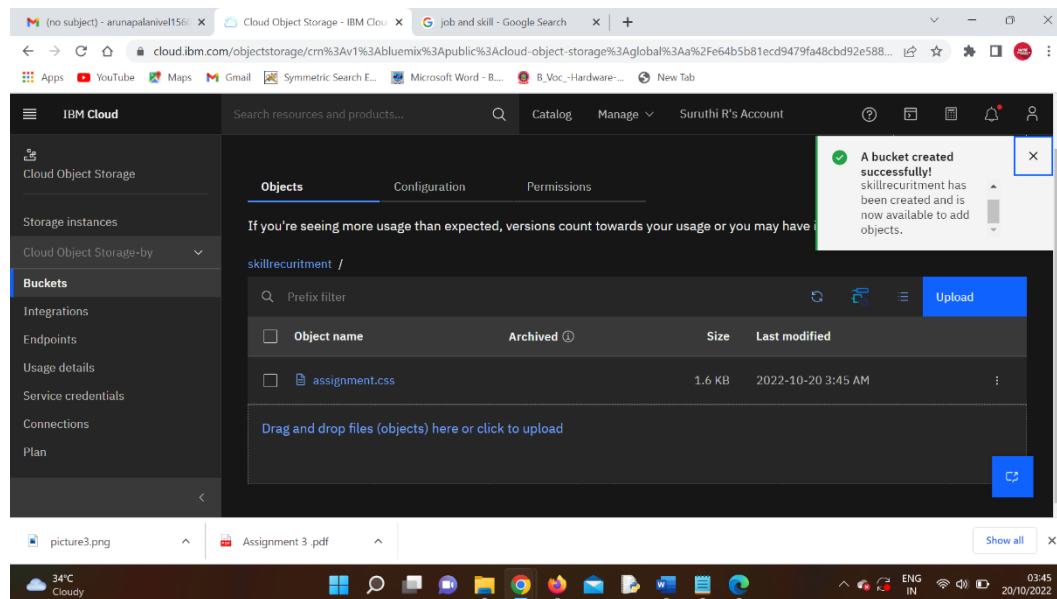
1. CREATE A BUCKET IN IBM OBJECT STORAGE.



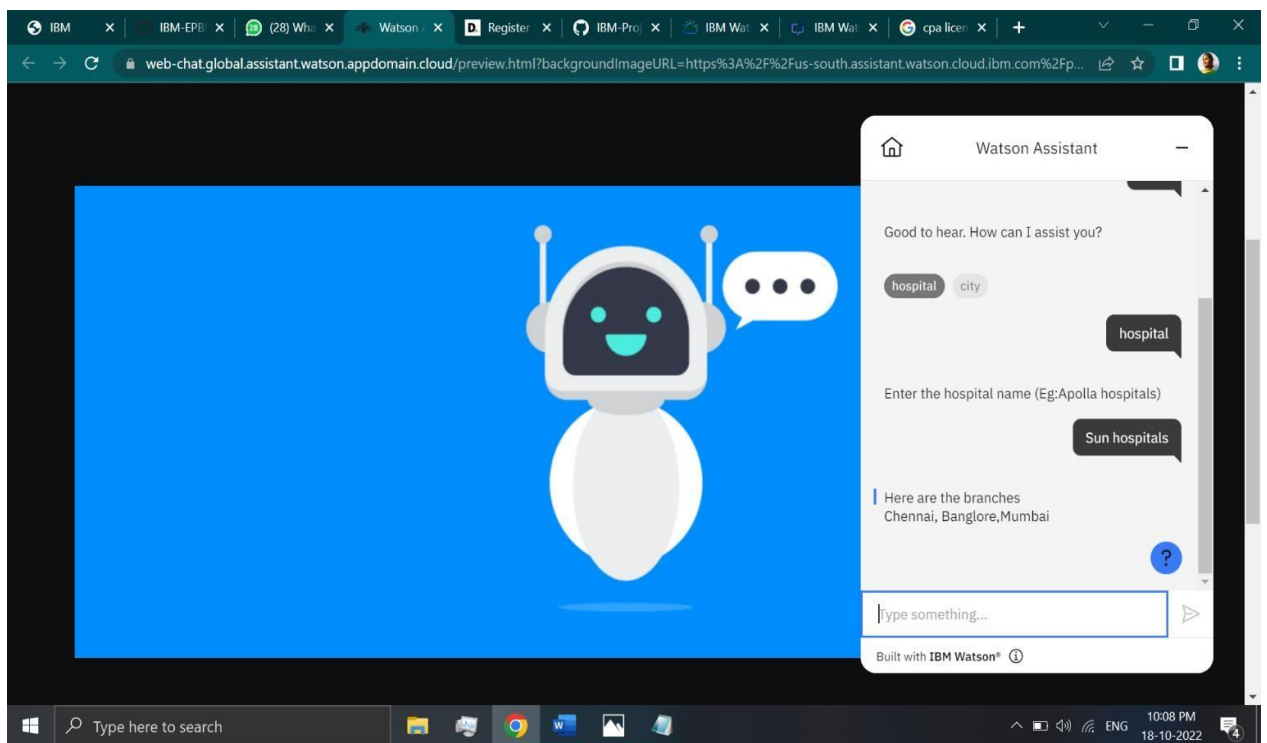
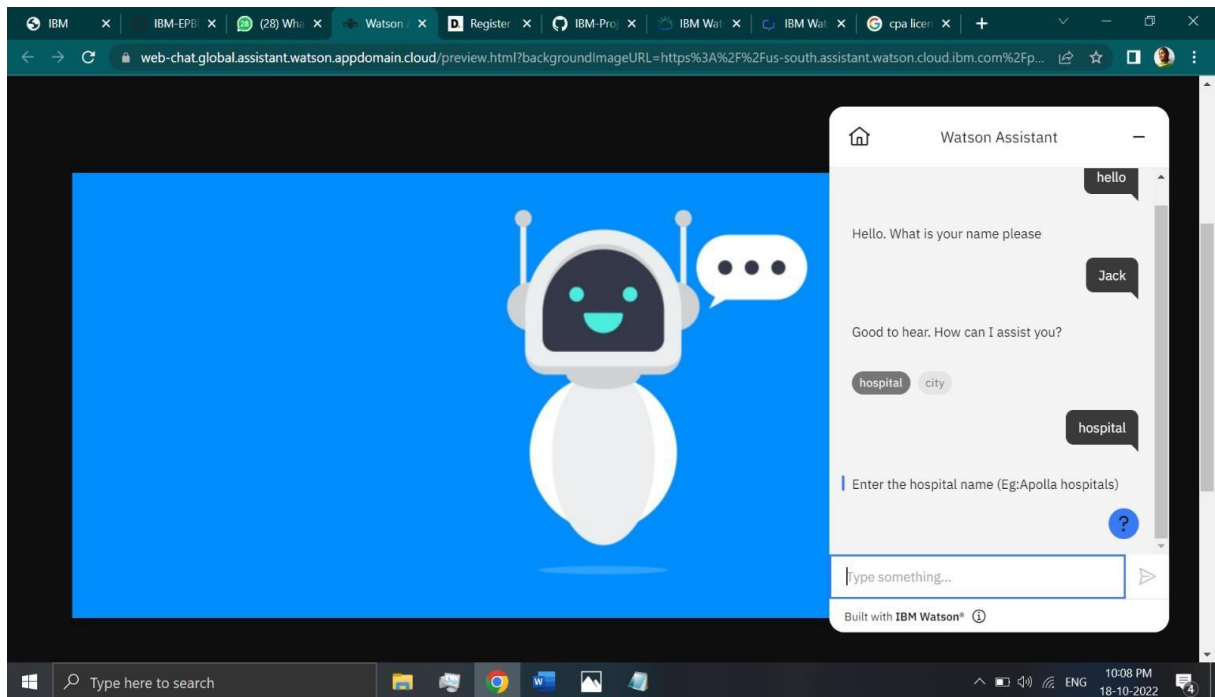
2. Upload an 5 images to IBM object storage and make it public. write html code to displaying all the 5 images.



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



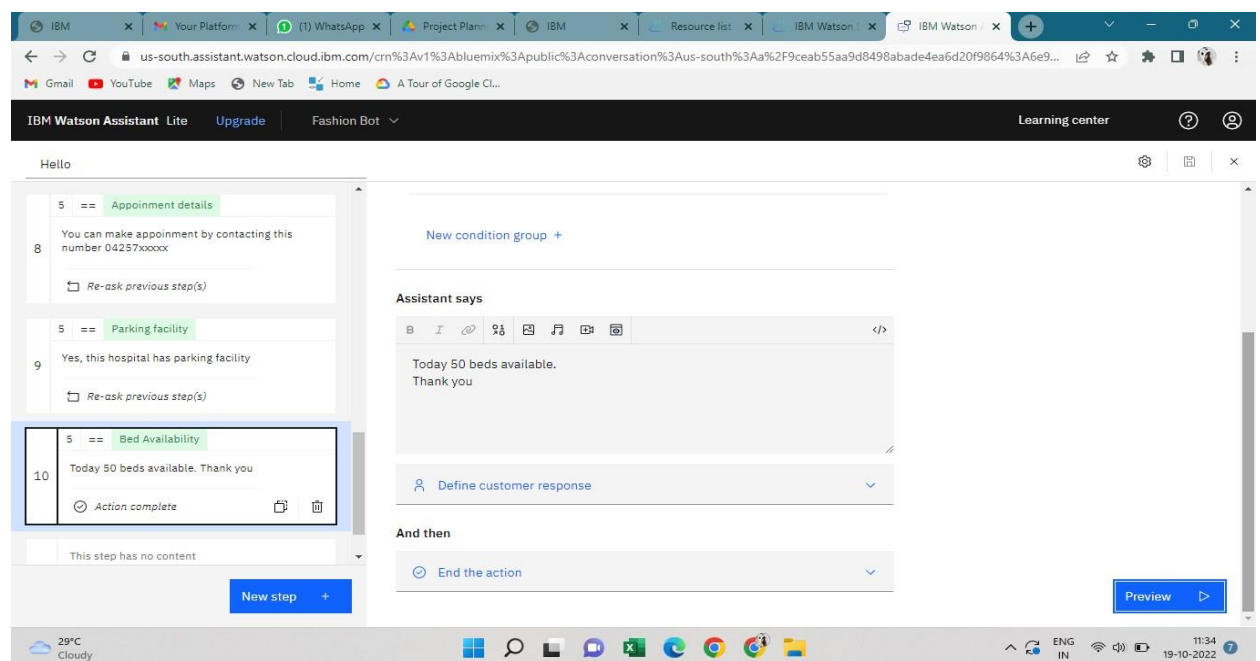
3. Design a chatbot using IBM Watson assistant for hospital.



<https://web>

chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fs-south.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-fdd7abbd-d253-46a9-ab92-3268c35b6172%3A%3Afd98814-255f-4768-a0c9-02ebf2702ca9&integrationID=cd4ebcef-3a60-445e-97ca-6a36e5a72c04®ion=us-south&serviceInstanceID=fdd7abbd-d253-46a9-ab92-3268c35b6172

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



Included 3 conditions in steps:

IBM Watson Assistant Lite Upgrade Fashion Bot Learning center

Hello

1. Continue to next step

2. Good to hear. How can I assist you?

2. == hospital, city

3. Enter the hospital name (Eg: Apollo hospitals)

3. Free text

4. Here are the branches Chennai, Bangalore, Mumbai

4. Continue to next step

New step +

Step 3 is taken with conditions

Conditions 2 conditions

If Any of this is true:

2. Good to he... is hospital

2. Good to he... is city

Add condition +

New condition group +

Assistant says

Enter the hospital name (Eg: Apollo hospitals)

Preview

29°C Cloudy

IBM Watson Assistant Lite Upgrade Fashion Bot Learning center

Hello

4. Here are the branches Chennai, Bangalore, Mumbai. You can click below to know more

4. Distance Features of h... + 2

4. Continue to next step

4. == Distance

5. Hospital is 30km away from your location

4. == Features of hospital

6. Yes, The hospital you provided is a Multispecialty Hospital

6. Continue to next step

New step +

Step 5 is taken with conditions

Conditions 1 condition

If All of this is true:

4. Here are th... is Distance

and Add condition +

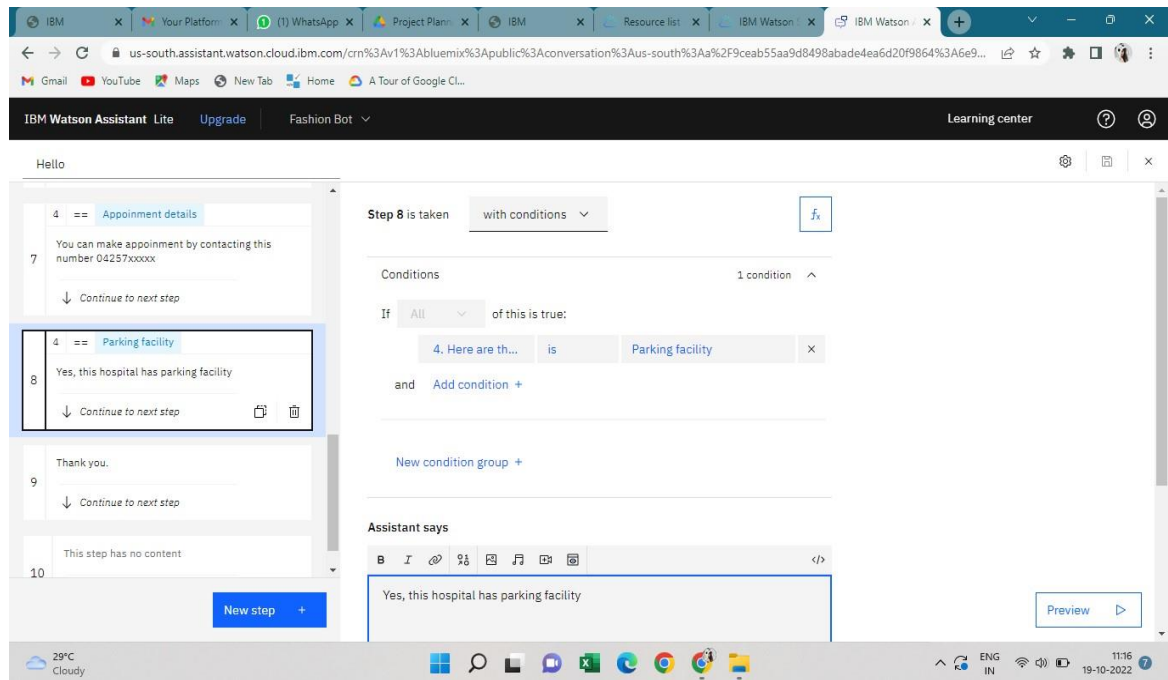
New condition group +

Assistant says

Hospital is 30km away from your location

Preview

29°C Cloudy



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: "14b83b8f-3dfd-405f-9520-
b550092892aa", // The ID of this integration.    region: "us-south", // The region your
integration is hosted in.    serviceInstanceID: "6e95bee9-8d0b-49f6-8a2f-
4125fb3a7945", // 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__)

@a
pp.
rou
te('
/')
def
```

```

ind
ex(
):
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

```