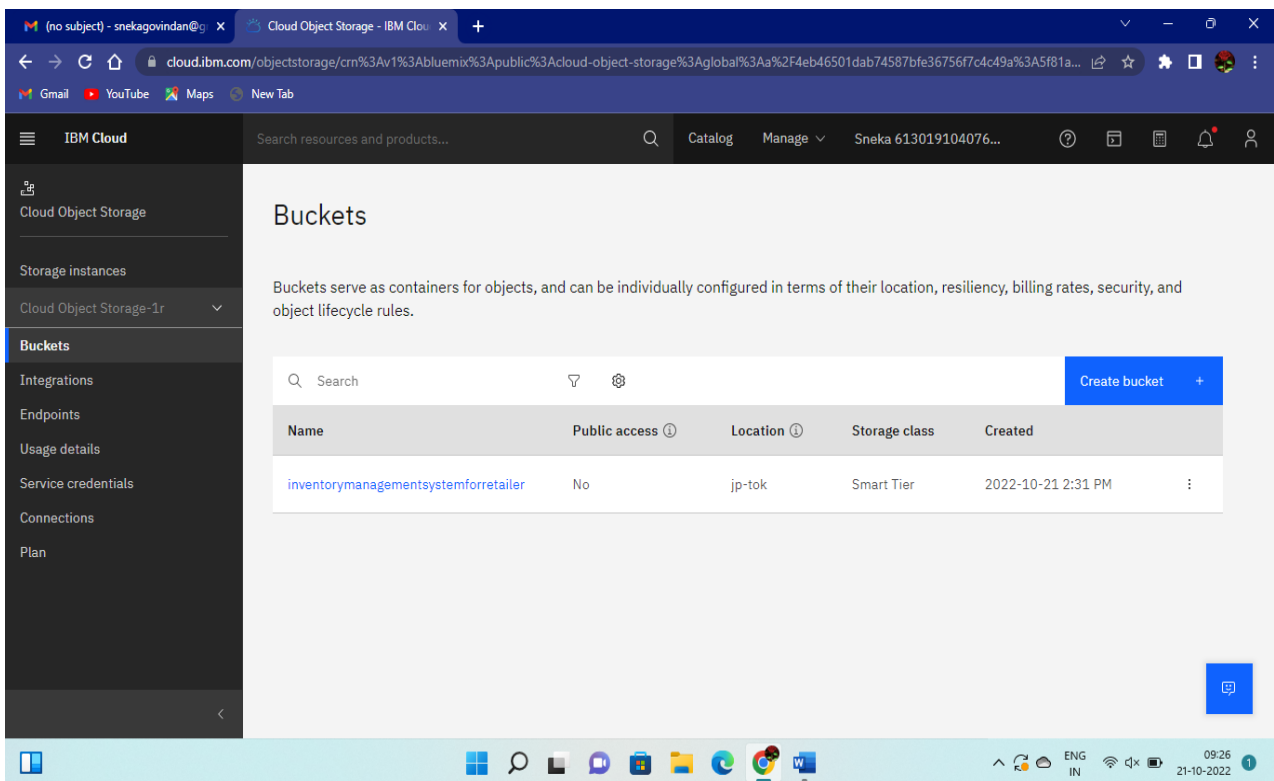


## Assignment-3

<b>Date</b>	<b>10 October 2022</b>
<b>Team ID</b>	<b>PNT2022TMID30591</b>
<b>Project Name</b>	<b>Inventory Management System for Retailers.</b>

### 1. CREATE A BUCKET IN IBM OBJECT STORAGE.



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

(no subject) - snekagovindan@

Cloud Object Storage - IBM Clou

+

cloud.ibm.com/objectstorage/crn%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2F4eb46501dab74587bfe36756f7c4c49a%3A5f81a...

Gmail

YouTube

Maps

New Tab

IBM Cloud

Search resources and products...

Catalog

Manage

Sneka 613019104076...

?

Cloud Object Storage

Storage instances

Cloud Object Storage-1r

Buckets

Integrations

Endpoints

Usage details

Service credentials

Connections

Plan

Storage / Cloud Object Storage-1r /

inventorymanagementsystemforretailer

Transfers

Details

Actions...

Objects

Configuration

Permissions

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)

Prefix filter

Upload

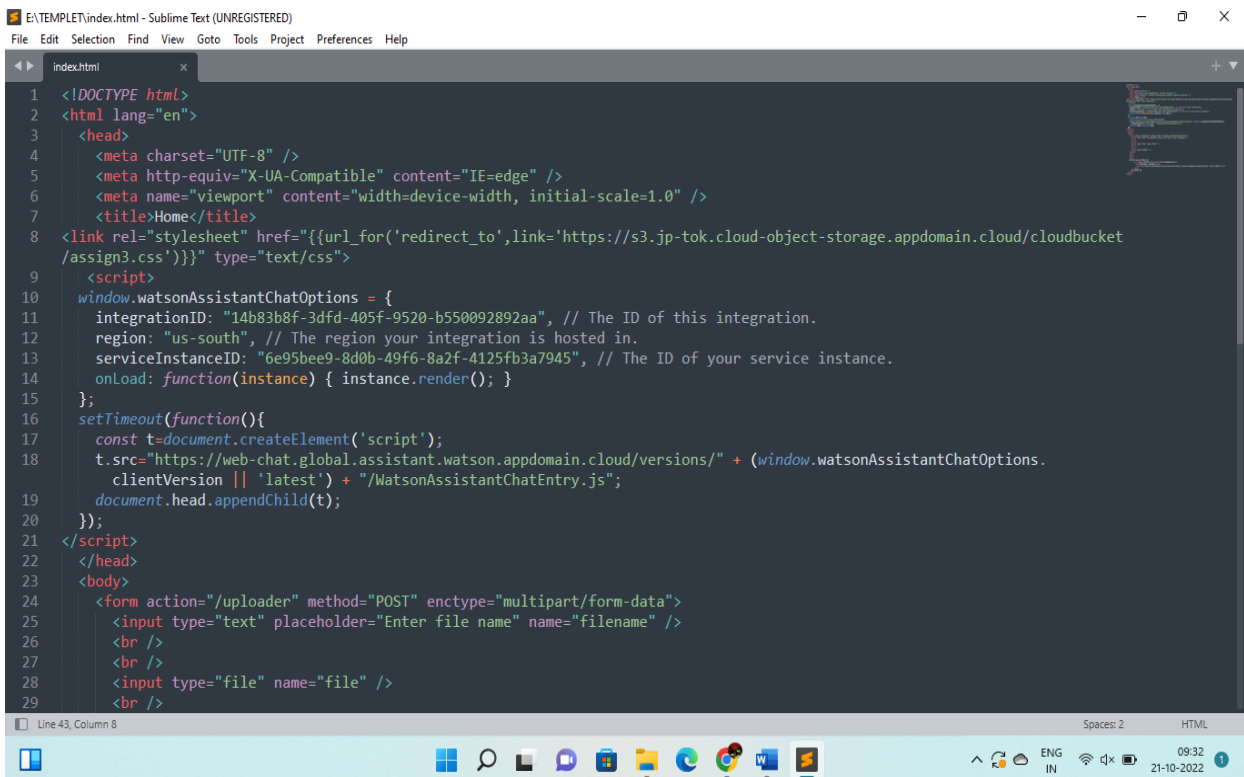
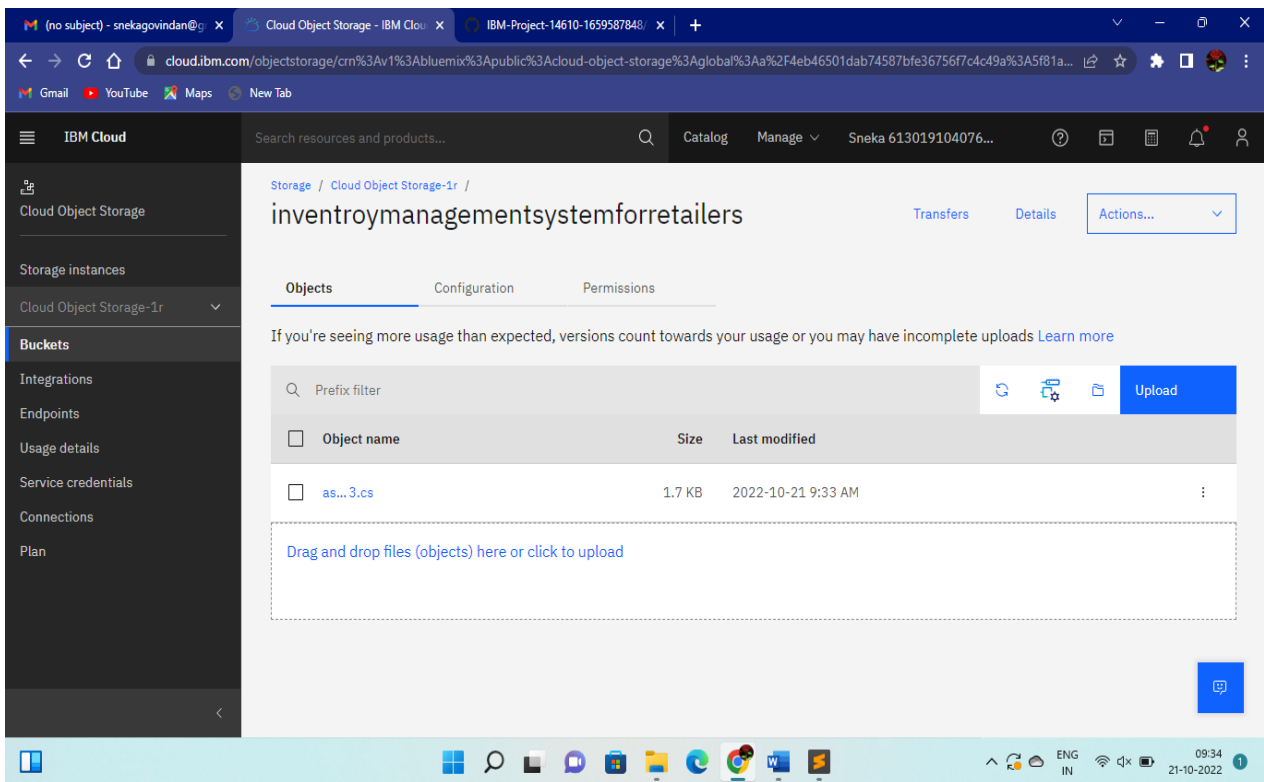
<input type="checkbox"/>	Object name	Archived ⓘ	Size	Last modified	
<input type="checkbox"/>	IB... png		7.1 KB	2022-10-21 2:32 PM	⋮
<input type="checkbox"/>	ib... jpg		9.8 KB	2022-10-21 2:32 PM	⋮
<input type="checkbox"/>	ib... jpg		9.6 KB	2022-10-21 2:32 PM	⋮
<input type="checkbox"/>	ib... jpg		7.5 KB	2022-10-21 2:33 PM	⋮
<input type="checkbox"/>	ib... png		8.4 KB	2022-10-21 2:33 PM	⋮

⋮

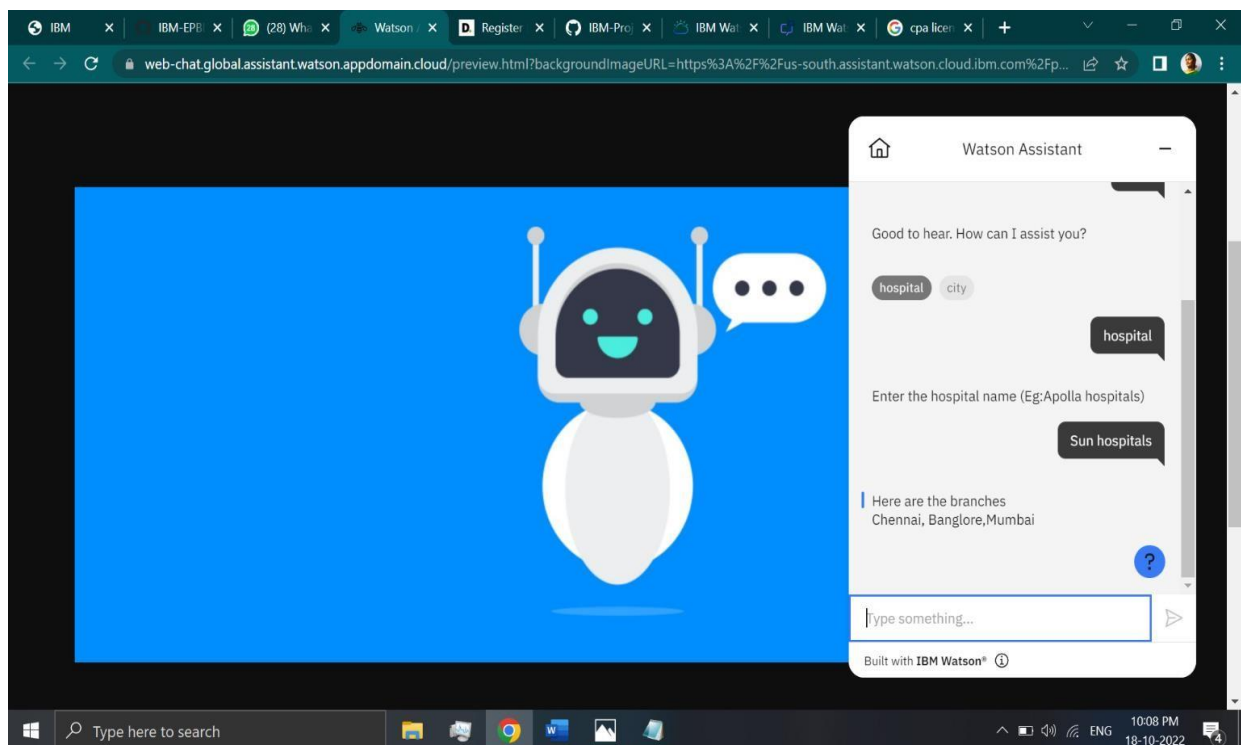
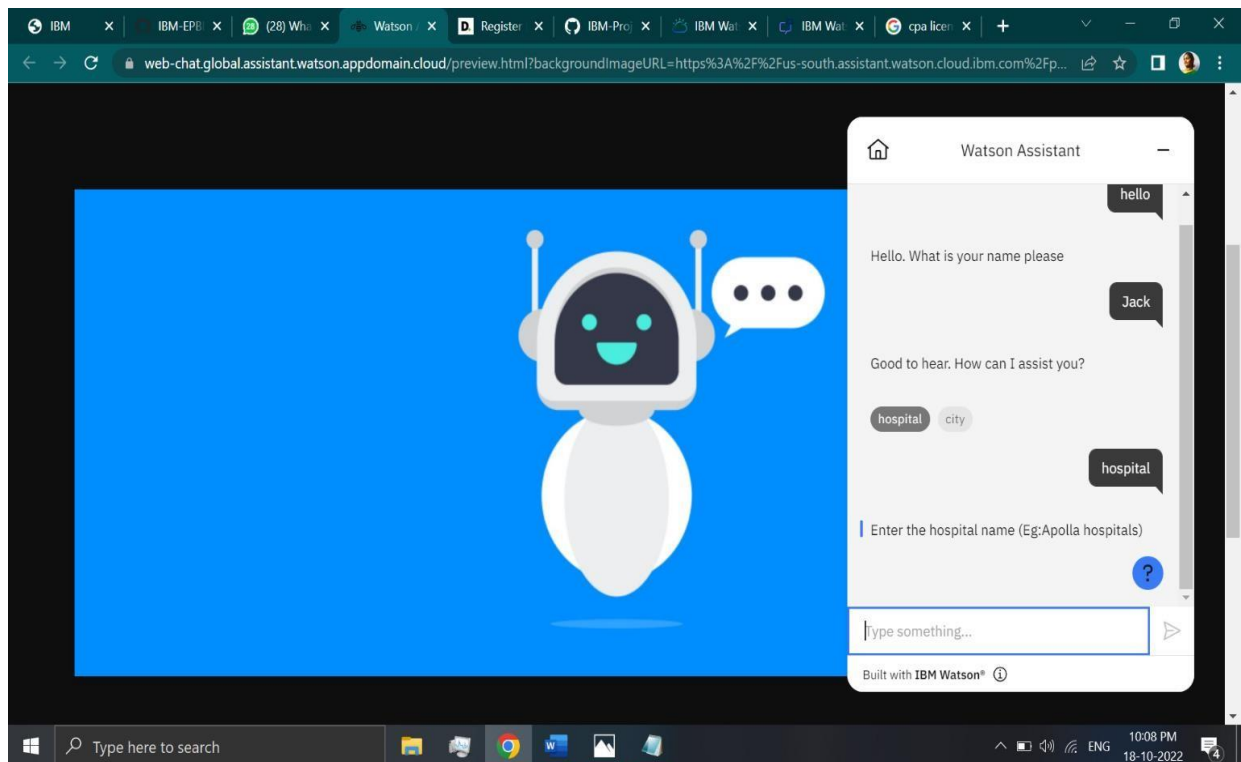
09:26

21-10-2022

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



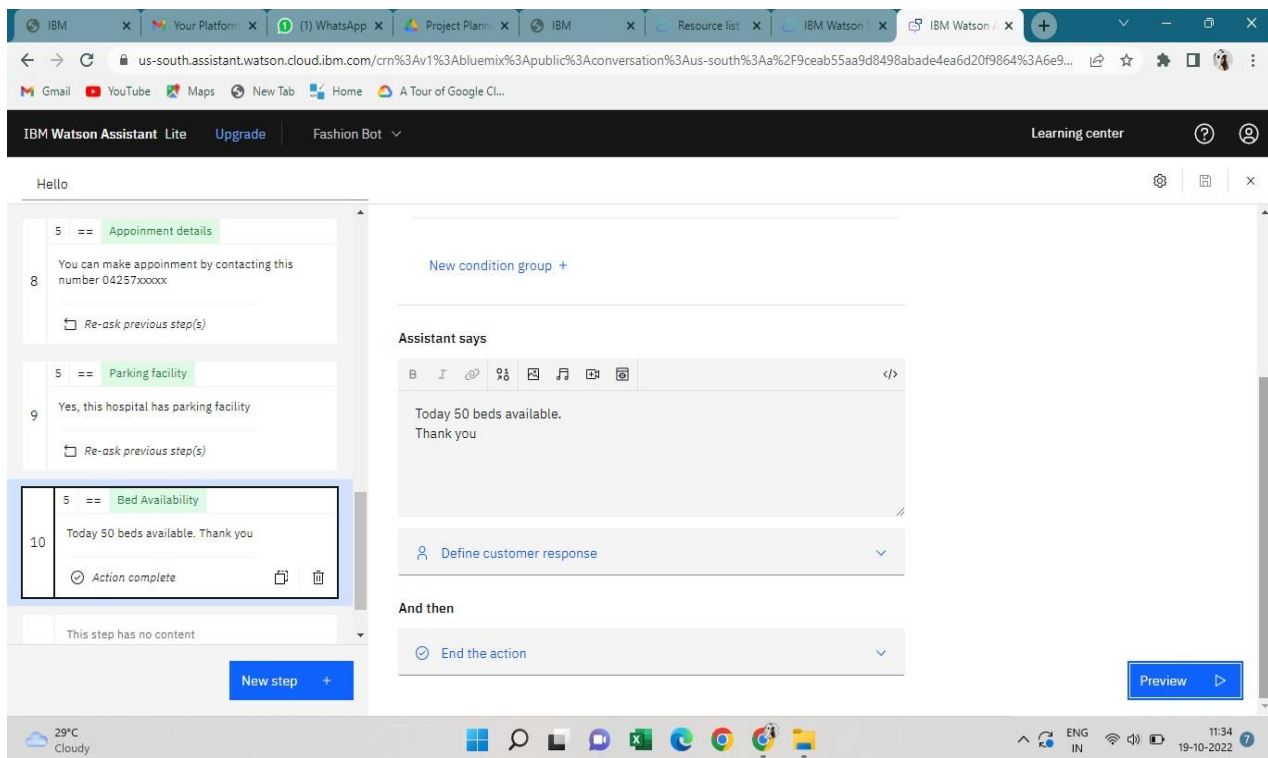
### 3. Design a chatbot using IBM Watson assistant for hospital.



### Web URL for Assistant:

<https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fus-south.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-07d4257f-f324-4f76-849a-aa56b9933727%3A%3A147f469b-4939-4cab-8954-1d501942446a&integrationID=76a8bc8b-9161-41c2-9049-8d9799404c38&region=us-south&serviceInstanceID=07d4257f-f324-4f76-849a-aa56b9933727>

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



*Figure 1. 10 steps of conversation*

## Included 3 conditions in steps:

The screenshot shows the IBM Watson Assistant interface. On the left, a flowchart displays four steps. Step 3 is highlighted with a blue border and contains the text "Enter the hospital name (Eg: Apollo hospitals)" and a "Free text" input field. The right panel shows the configuration for Step 3, which is titled "Step 3 is taken with conditions". Under the "Conditions" section, there are two conditions listed: "2. Good to he... is hospital" and "2. Good to he... is city". The "Assistant says" section at the bottom shows the output text "Enter the hospital name (Eg: Apollo hospitals)".

The screenshot shows the IBM Watson Assistant interface. On the left, a flowchart displays six steps. Step 5 is highlighted with a blue border and contains the text "Hospital is 30km away from your location". The right panel shows the configuration for Step 5, which is titled "Step 5 is taken with conditions". Under the "Conditions" section, there is one condition listed: "4. Here are th... is Distance". The "Assistant says" section at the bottom shows the output text "Hospital is 30km away from your location".

IBMYour Platform(T1) WhatsAppProject PlanIBMResource listIBM WatsonIBM Watson

us-south.assistant.watson.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aus-south%3Aa%2F9ceab55aa9d8498abade4ea6d20f9864%3A6e9...

GmailYouTubeMapsNew TabHomeA Tour of Google CL...

IBM Watson Assistant LiteUpgradeFashion BotLearning center?

Hello

4 == Appointment details

7 You can make appointment by contacting this number 04257xxxxx

Continue to next step

4 == Parking facility

8 Yes, this hospital has parking facility

Continue to next step

Thank you.

9

Continue to next step

This step has no content

10

New step +

Step 8 is taken with conditions

fx

Conditions1 condition

If All of this is true:

4. Here are th... is Parking facility

and Add condition +

New condition group +

Assistant says

B I % % % % % % </>

Yes, this hospital has parking facility

Preview

29°C Cloudy11:16 19-10-2022

## 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: "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>

    </body>

  </html>
```



```

</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)
```



