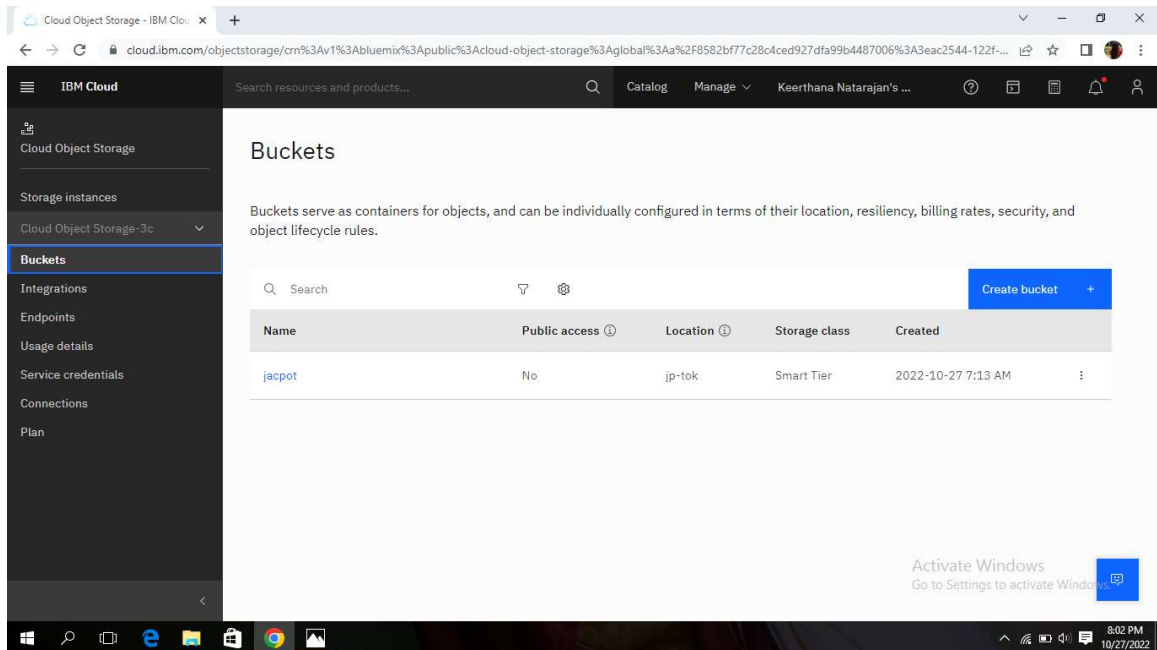


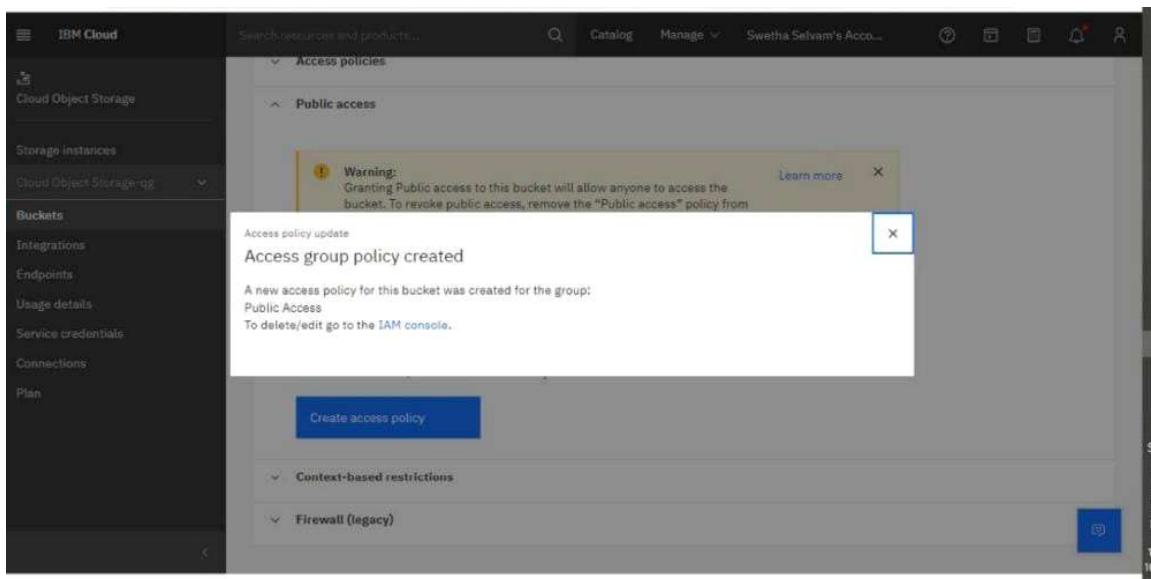
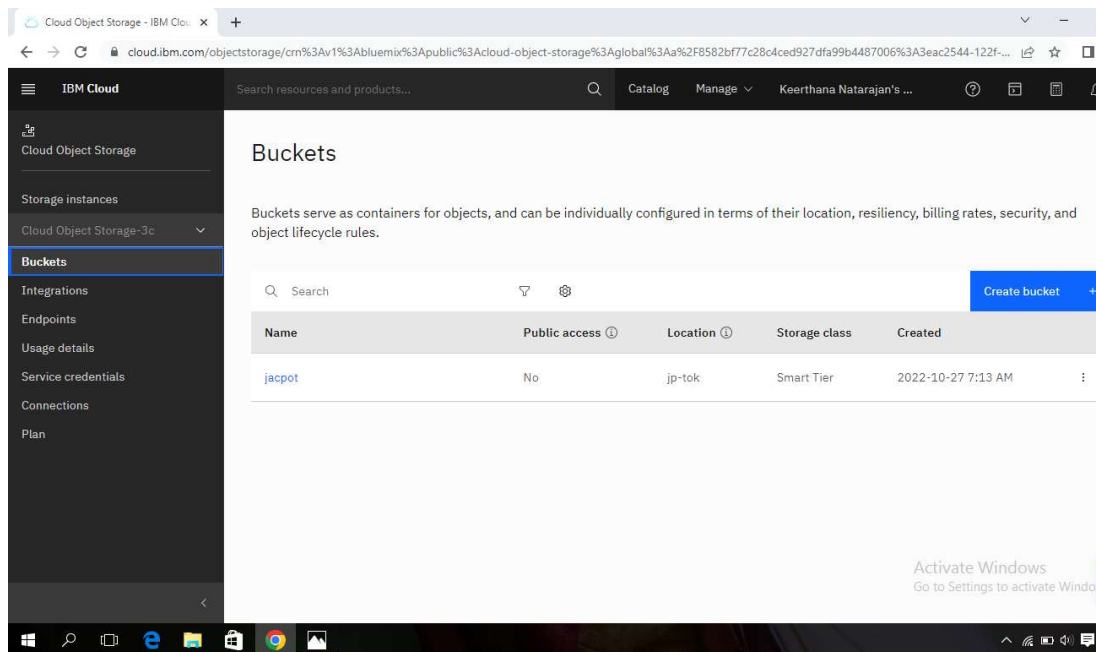
Date	10October2022
TeamID	PNT2022TMID30734
ProjectName	PlasmaDonorApplication

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

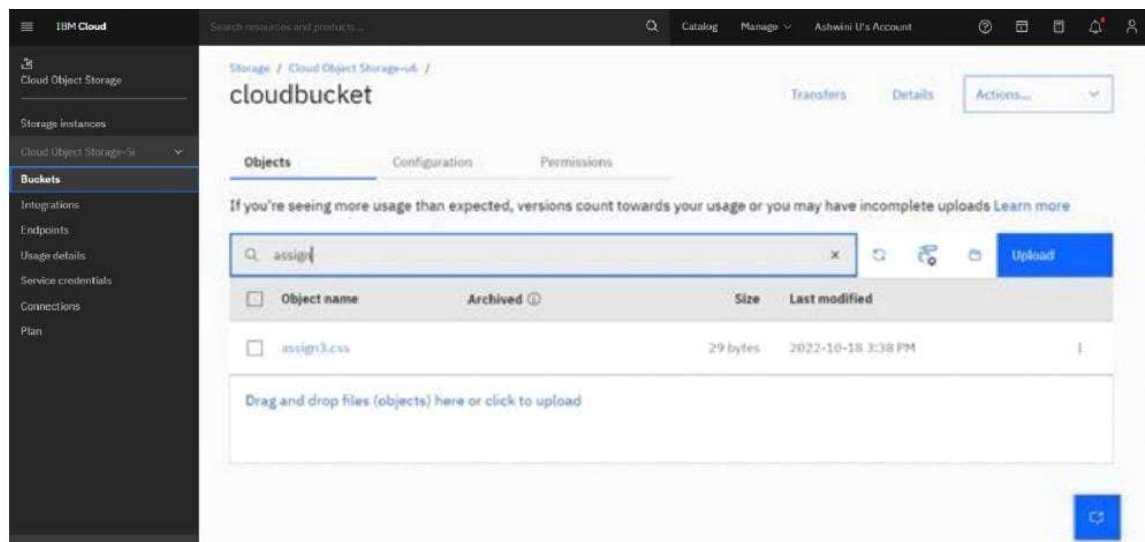


**Upload an 5 images
to IBM object storage and make it public. Write**

htmlcode to displaying all the 5 images.



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



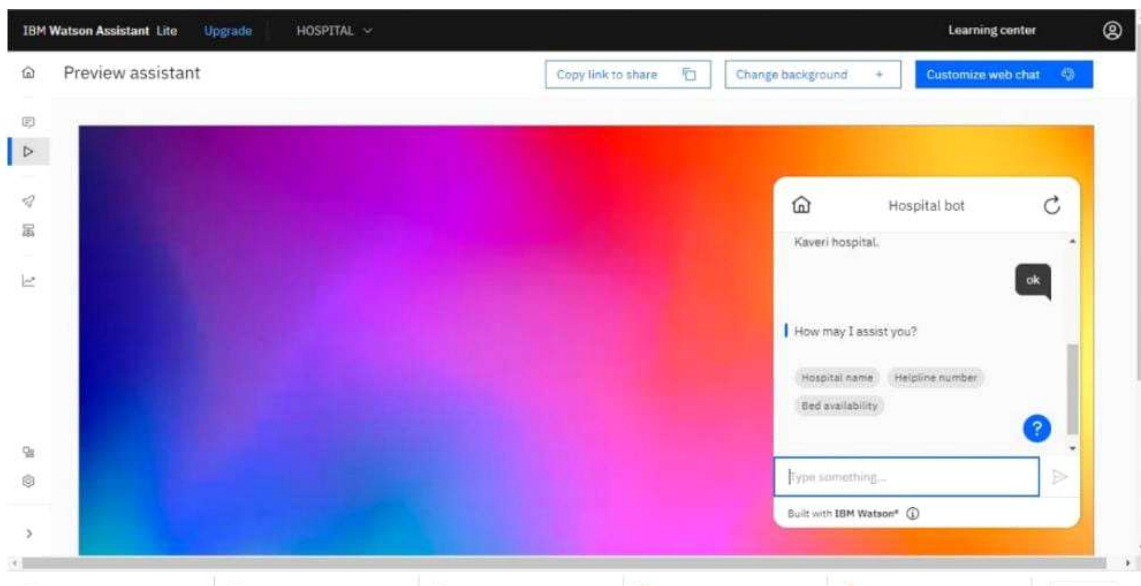
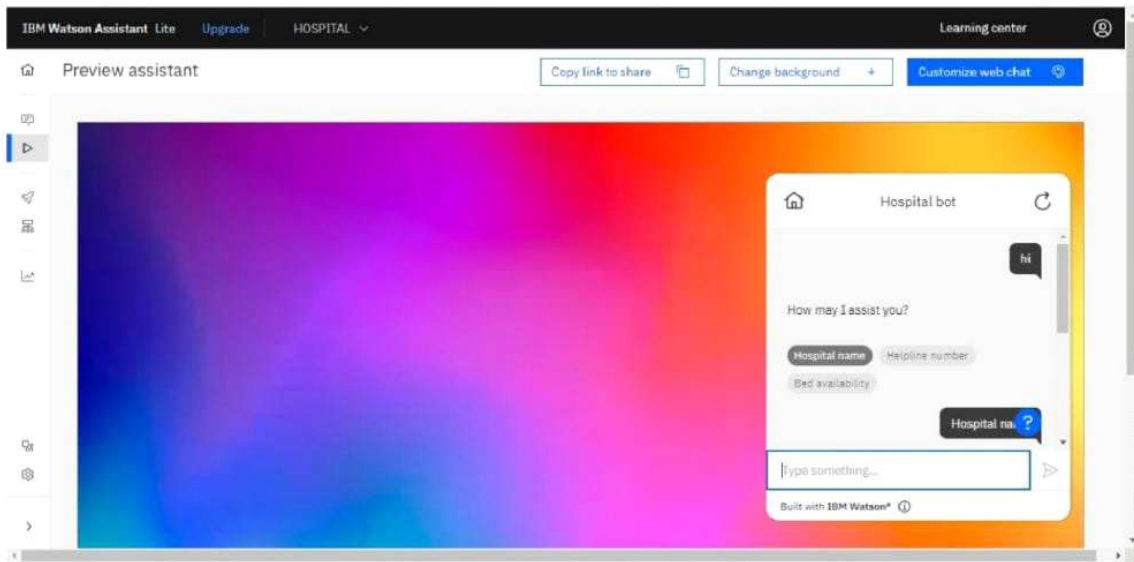
```

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')}}" 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') + "/WatsonAssistantChat.min.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 #E0E0E0;margin:10px;">
<h3>Filename : {{row}} </h3>
</td>
</div>
{% endfor %}
</body>
</html>

```

- Design a chatbot using IBM Watson assistant for hospital.

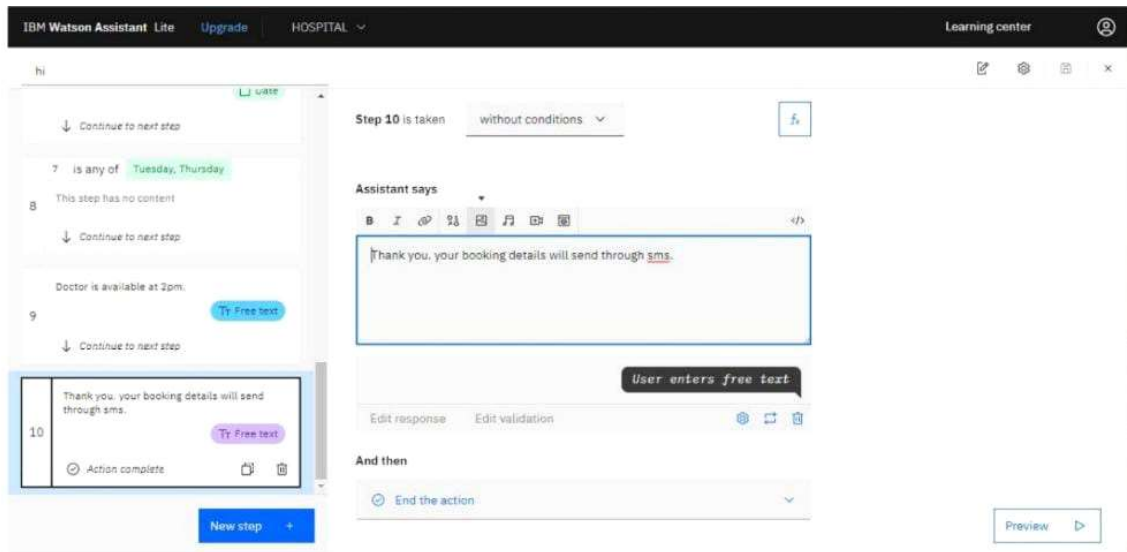


Web URL for Assistant:

<https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2F>

[2Fupx-566bcbbe-3656-4fee-8c72-9853c64f35e3%3A%3A101effc6-ad22-489d-bc5e-19c352ec9c23&integrationID=ab96c998-fc56-44eb-9ba1-001d502fc47f®ion=au-syd&serviceInstanceID=566bcbbe-3656-4fee-8c72-9853c64f35e3](https://api.watsonassistant.com/v1/assistant?version=2018-07-10&integrationID=ab96c998-fc56-44eb-9ba1-001d502fc47f®ion=au-syd&serviceInstanceID=566bcbbe-3656-4fee-8c72-9853c64f35e3)

- 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 Life Upgrade HOSPITAL Learning center

hi

Customer starts with:
hi

Conversation steps

How may I assist you?

1 Hospital name Helpline num... +1

Continue to next step

1 is Hospital name

Kaveri hospital.

Try Free text

Re-ask previous step(s)

1 is Helpline number

6637723759

Try Free text

New step +

Step 2 is taken with conditions

Conditions 1 condition

If All of this is true:

1. How may ... is Hospital name

and Add condition +

New condition group +

Assistant says

Kaveri hospital.

Preview

IBM Watson Assistant Life Upgrade HOSPITAL Learning center

hi

5 is Yes

On which date would you like for booking?

7 Date

Continue to next step

7 is any of Tuesday, Thursday

This step has no content

Continue to next step

Doctor is available at 2pm.

Try Free text

Continue to next step

Thank you.. your booking details will send

New step +

Step 8 is taken with conditions

Conditions 1 condition

If All of this is true:

7. On which ... is on Tuesday, Thursday

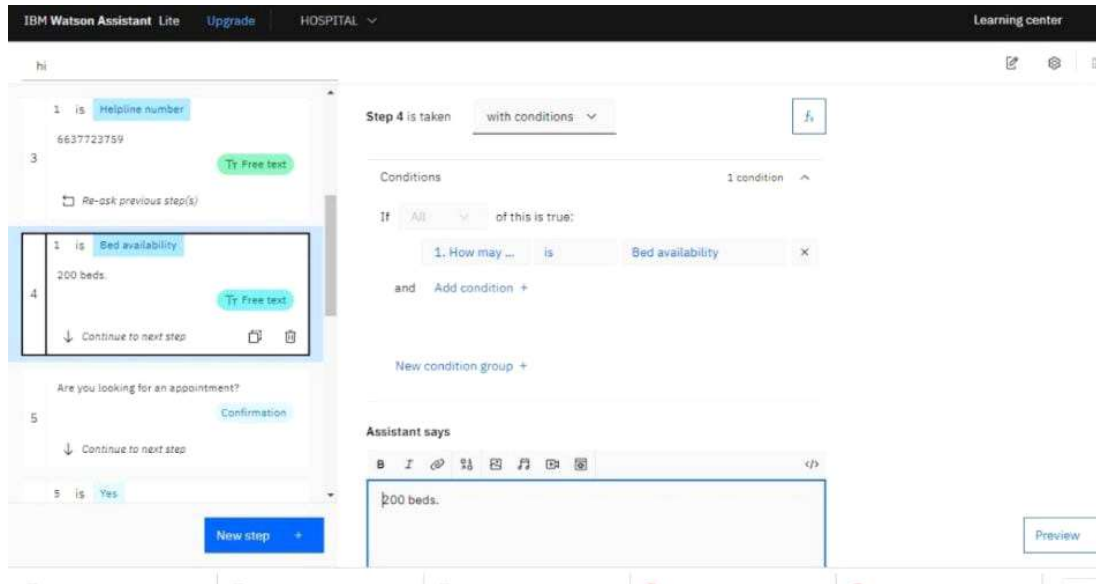
and Add condition +

New condition group +

Assistant says

For example: What type of transfer would you like to make?

Preview



Index.html

```
<!DOCTYPEhtml>

<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.watsonAssistant
ChatOptions
={

integrationID:"ab96c998-
fc56-44eb-9ba1-001d502fc47f",
```

```
//TheIDofthisintegration.
```

```
region:"au-syd",//Therregionyourintegrationishostedin.
```

```
serviceInstanceID:"566bcbbe-3656-4fee-8c72-9853c  
64f35e3",//TheIDofyourserviceinstance.
```

```
onLoad:function(instance){ instance.render();}
```

```
};
```

```
setTimeout(function(){
```

```
constt=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>
```

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

```
<inputtype="text"placeholder="Enter filename"name="filename"/>
```

```
<br/>
```

```
<br/>
```

```
<inputtype="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

```