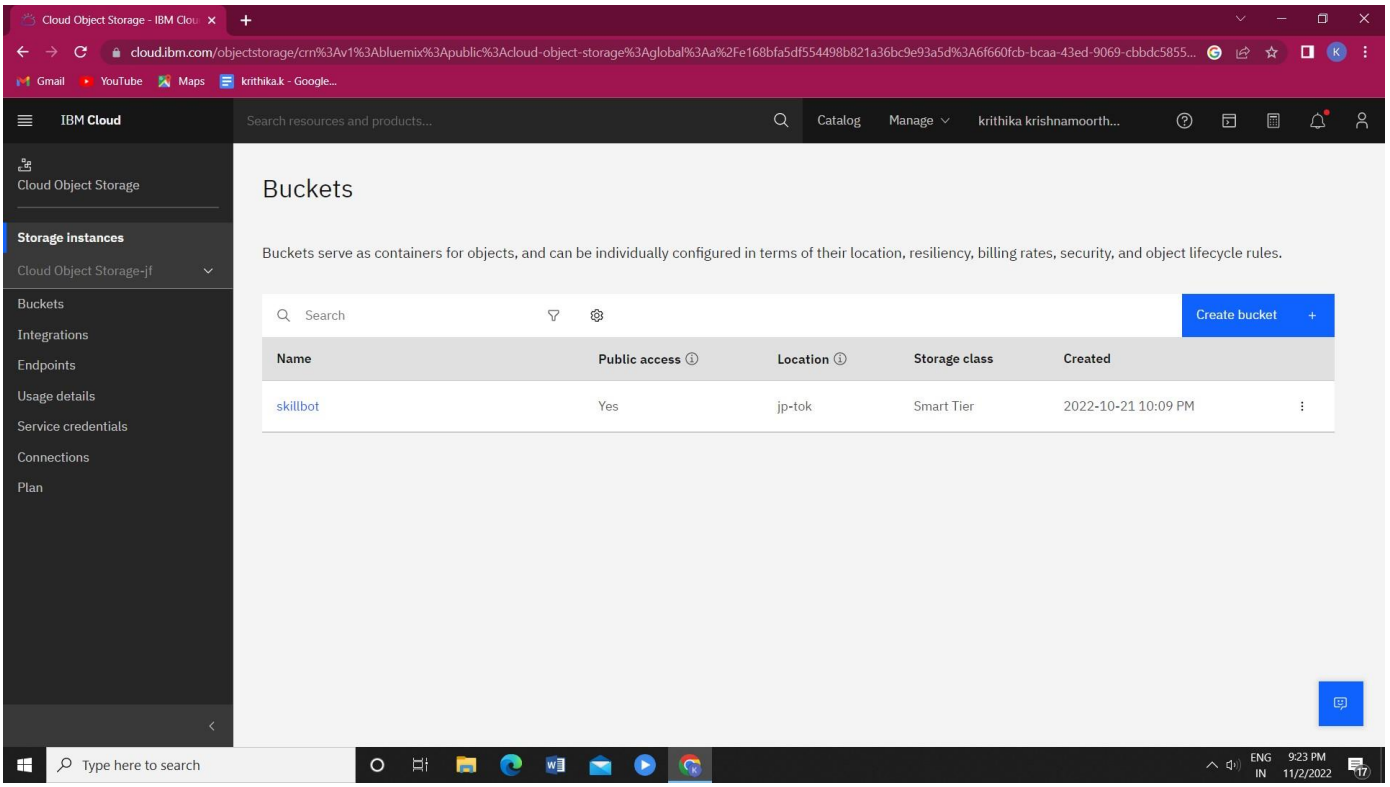
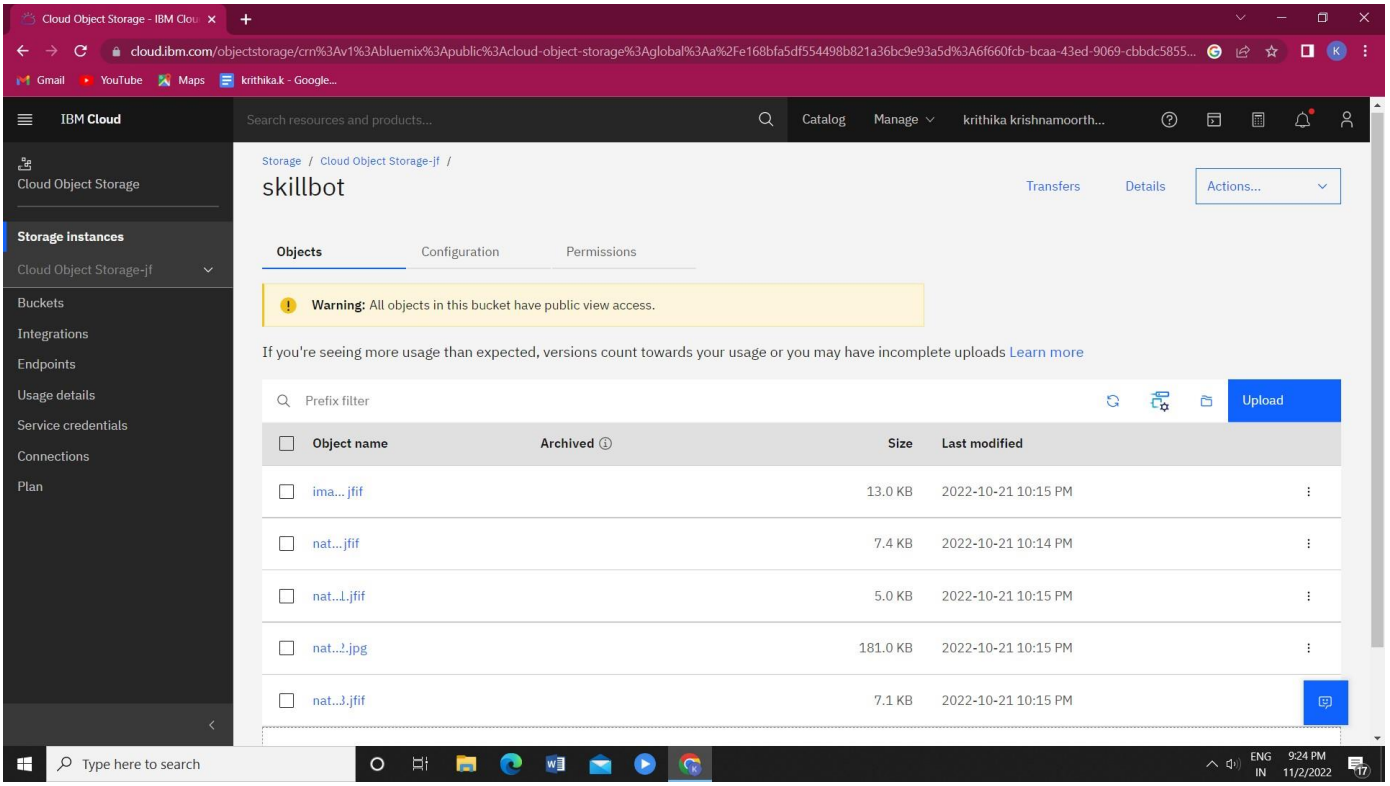
Assignment-3

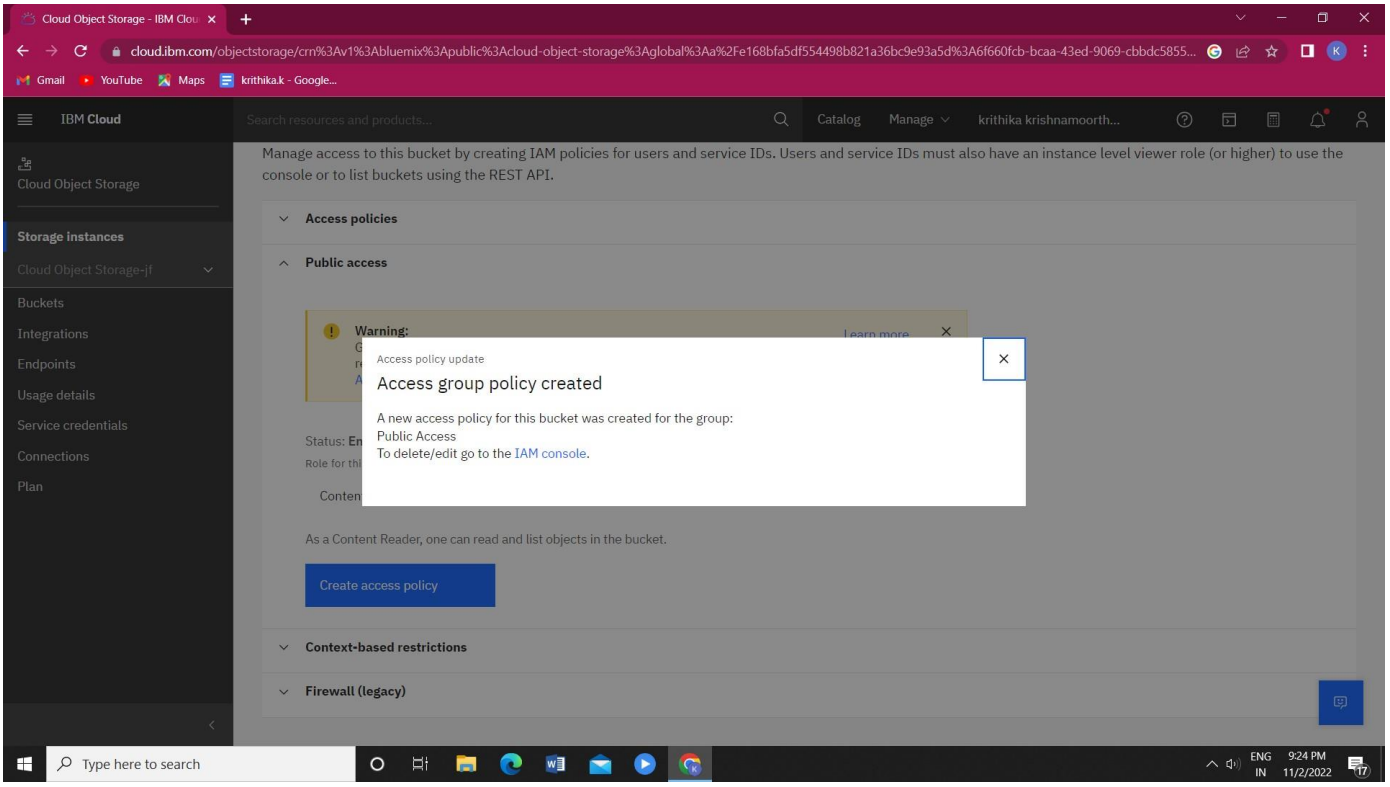
Date	10 October 2022
Team ID	PNT2022TMID13422
Student Name	Yoga Vignesh MK
Project Name	Customer Care Registry

1. CREATE A BUCKET IN IBM OBJECT STORAGE.

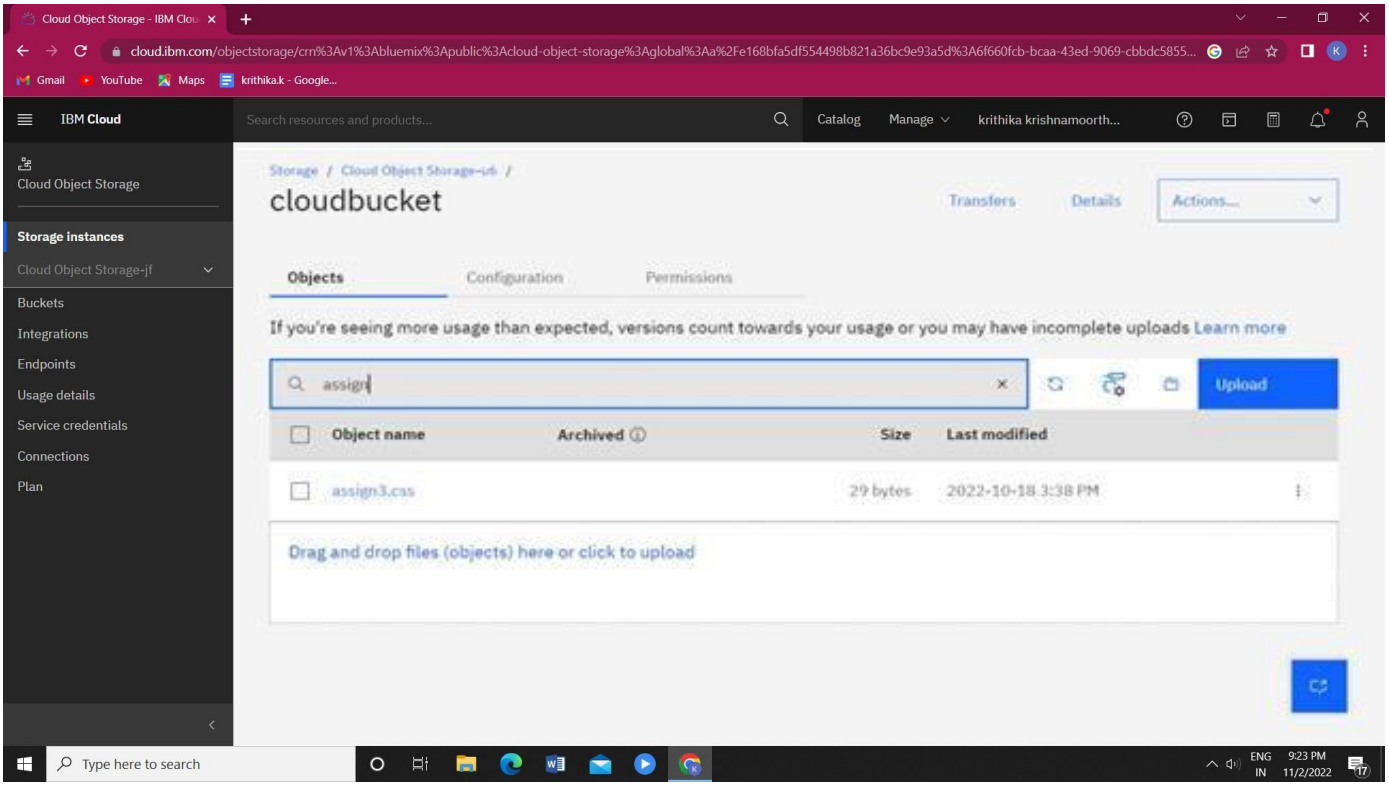


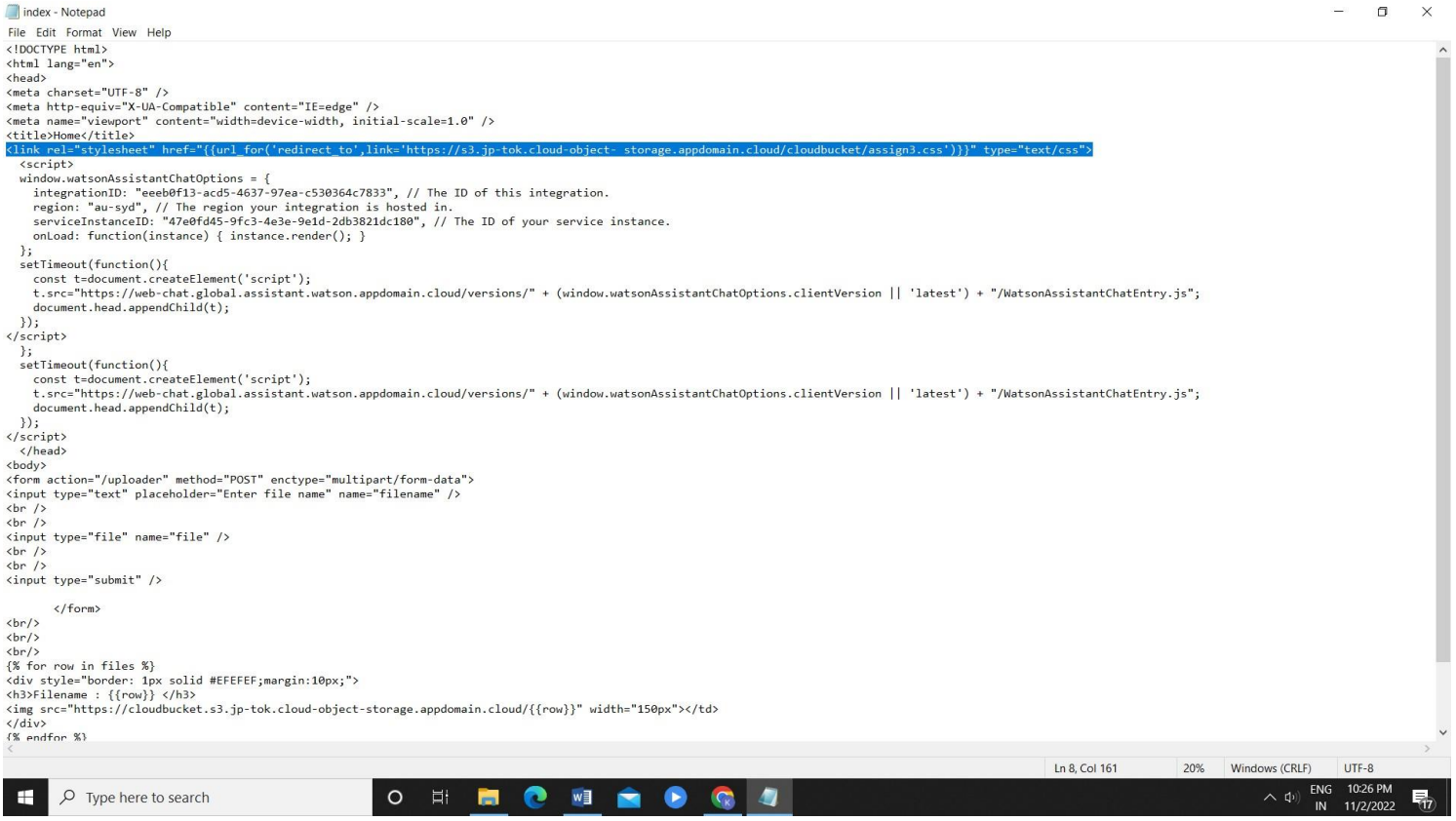
Upload an 5 images to ibm object storage and make it public.
Write html code to display all the 5 images.



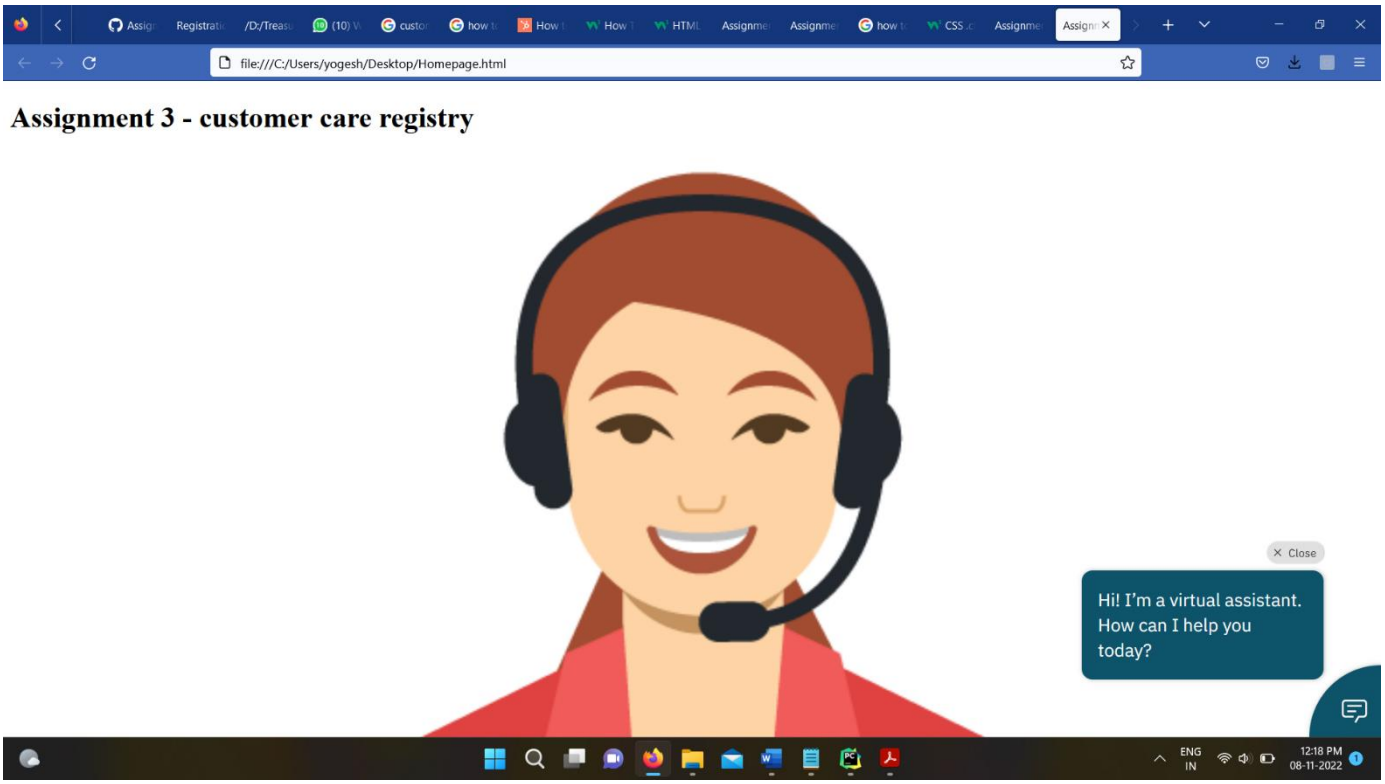


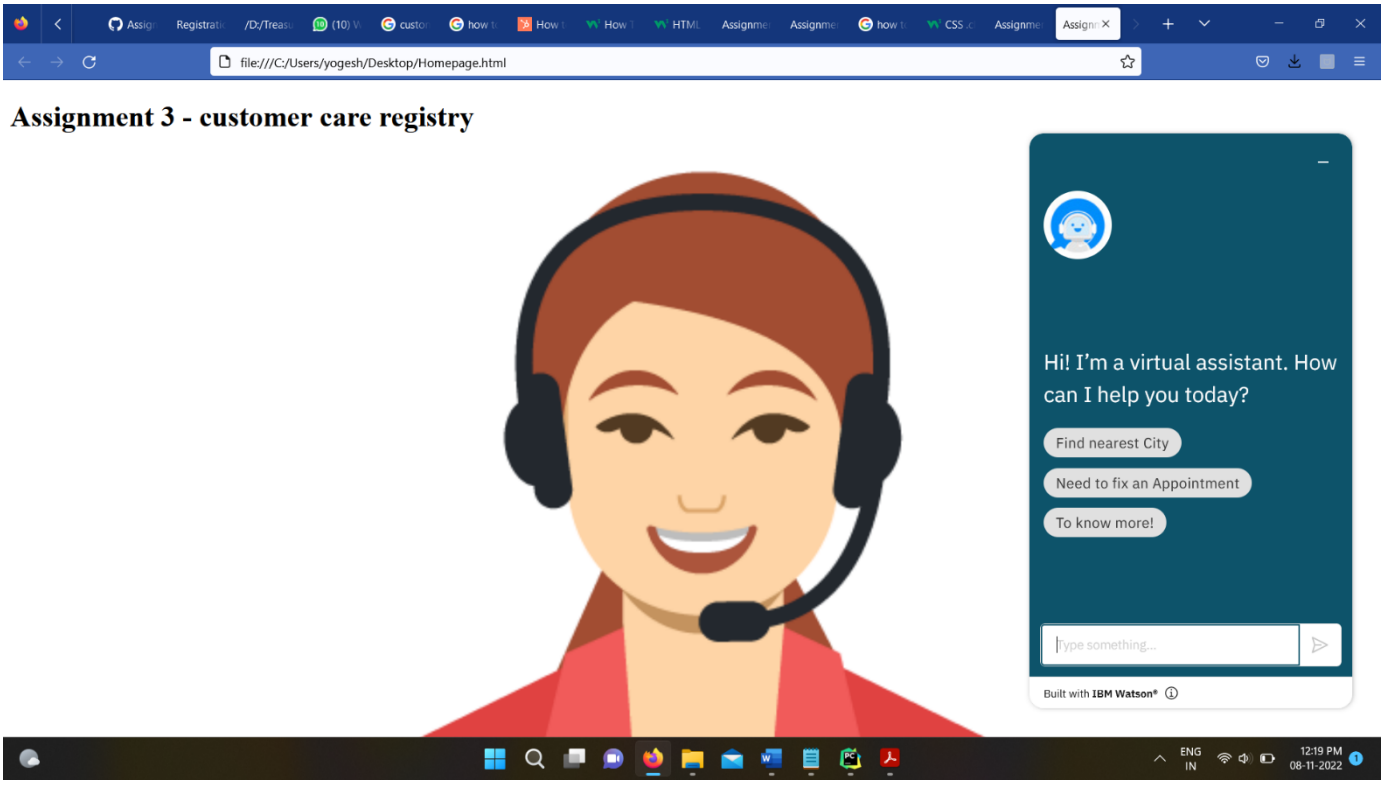
2. Upload a css page to the object storage and use the same page in your HTML code.





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


file:///C:/Users/yogesh/Desktop/Homepage.html
Assignment 3 - customer care registry
Close
Hi! I'm a virtual assistant. How can I help you today?
ENG IN
12:18 PM 08-11-2022

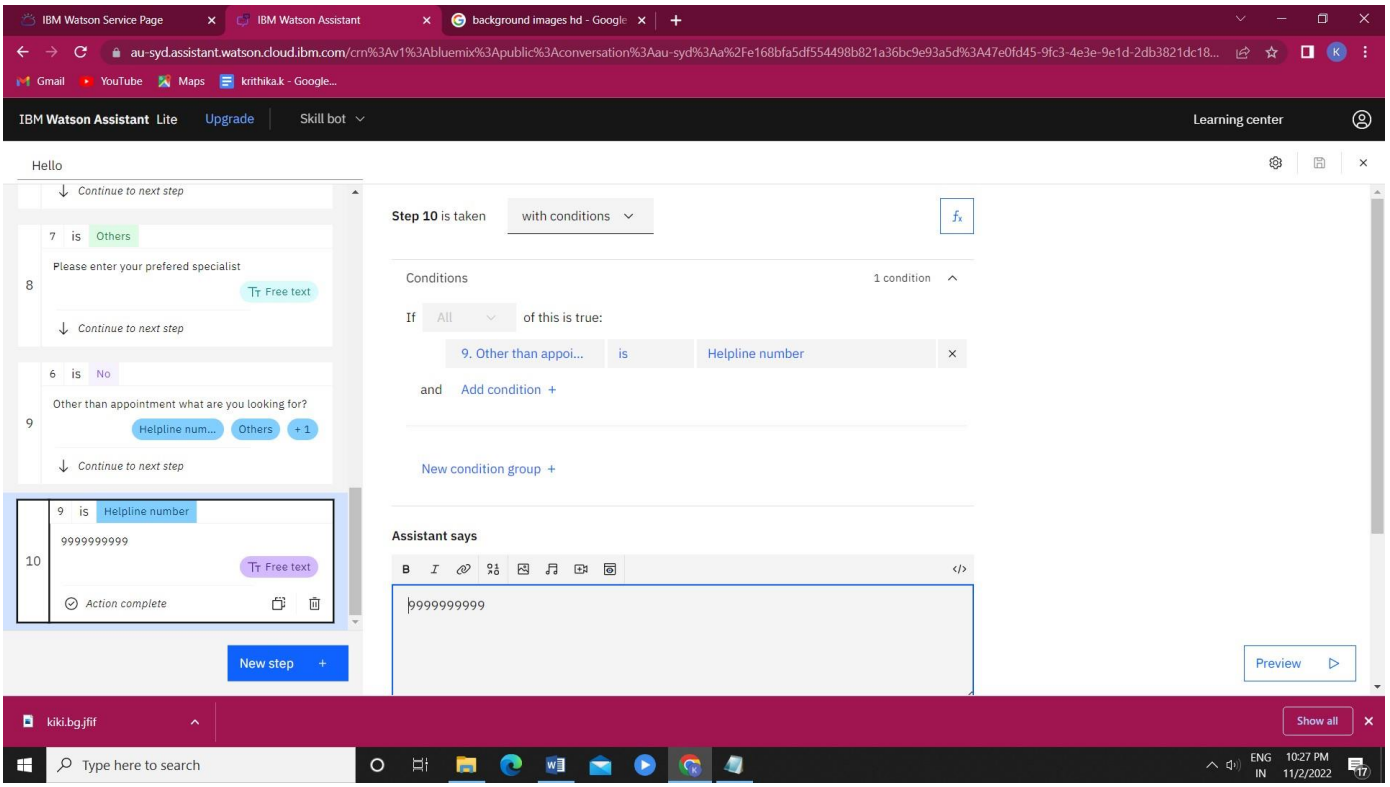

file:///C:/Users/yogesh/Desktop/Homepage.html
Assignment 3 - customer care registry
Hi! I'm a virtual assistant. How can I help you today?
Find nearest City
Need to fix an Appointment
To know more!
Type something...
Built with IBM Watson®
ENG IN
12:19 PM 08-11-2022

Chatbot html file

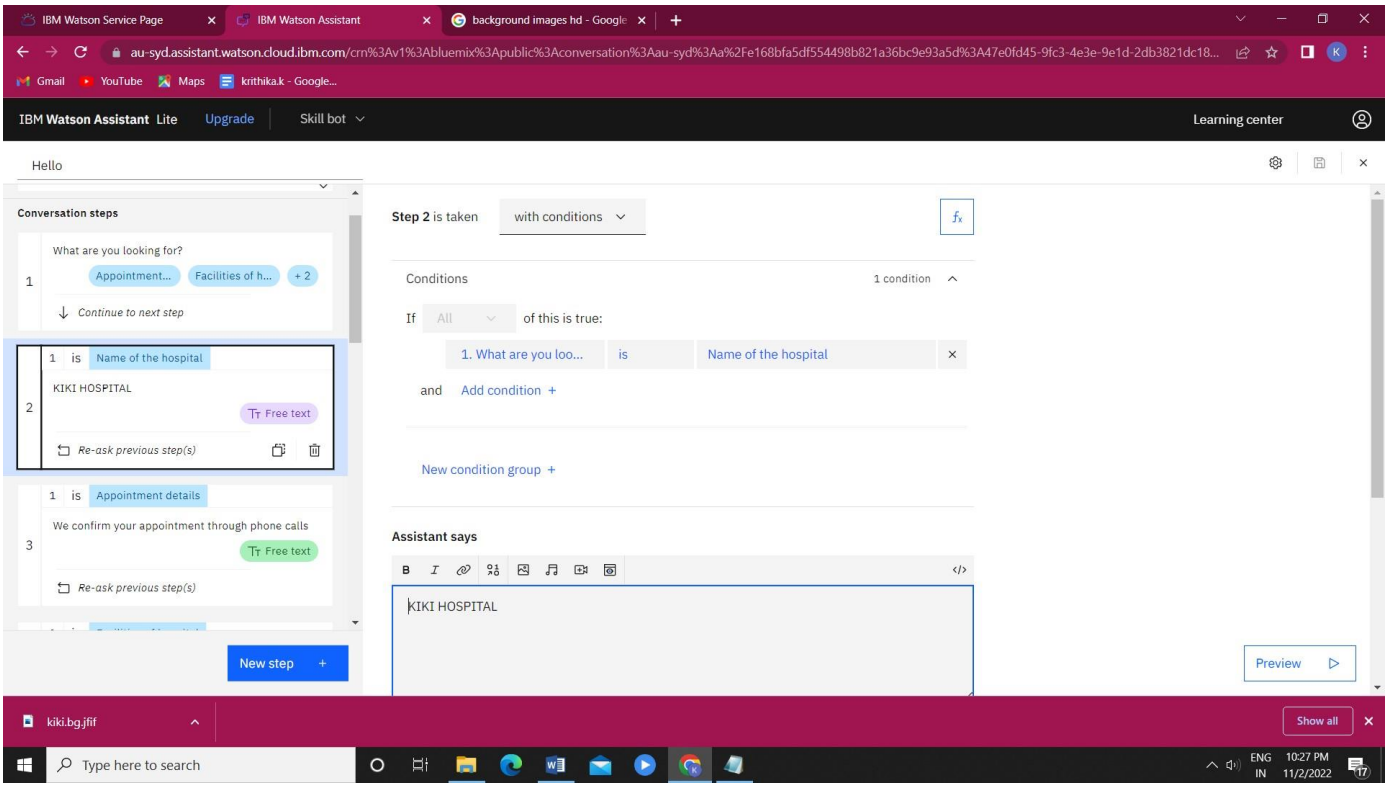
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Assignment - 3</title>
    <link rel="stylesheet" href="./static.css">
 <style>
.center {
  display: block;
  margin-left: auto;
  margin-right: auto;
  width: 50%;
}
</style>
</head>
<body>

    <h1>Assignment 3 - customer care registry</h1>
 <img src="chat_characters_woman.png" alt="chat_woman" class="center">

    <div class="ImgSlider"></div>

    <script>
        window.watsonAssistantChatOptions = {
```

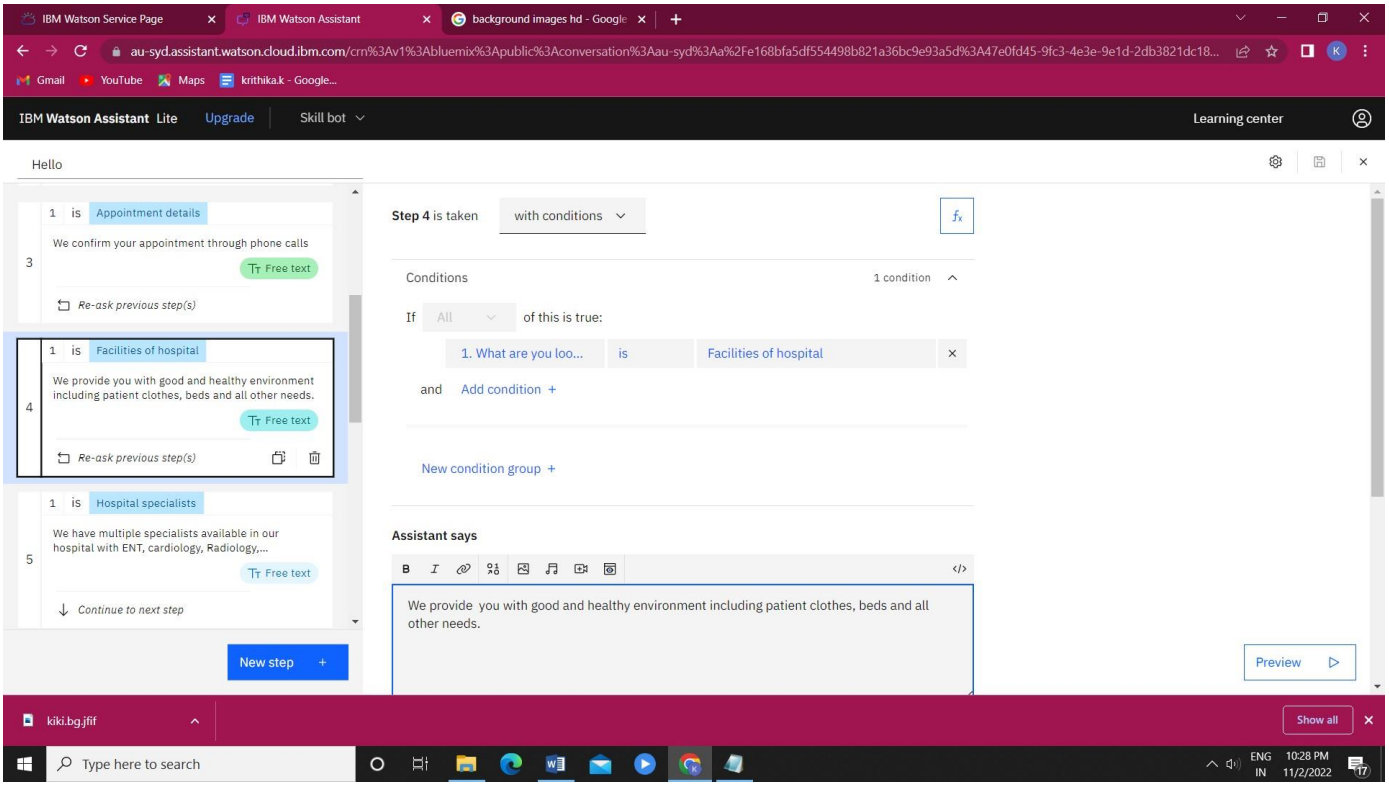
```
      integrationID: "87ad3502-2685-48d1-bbdd-96ed7b353f93", // The ID of this integration.
      region: "au-syd", // The region your integration is hosted in.
      serviceInstanceID: "26b5b847-d411-43f0-af69-4cd200aed370", // The ID of your service instance.
      onLoad: function(instance) { 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>

</body>
</html>
```

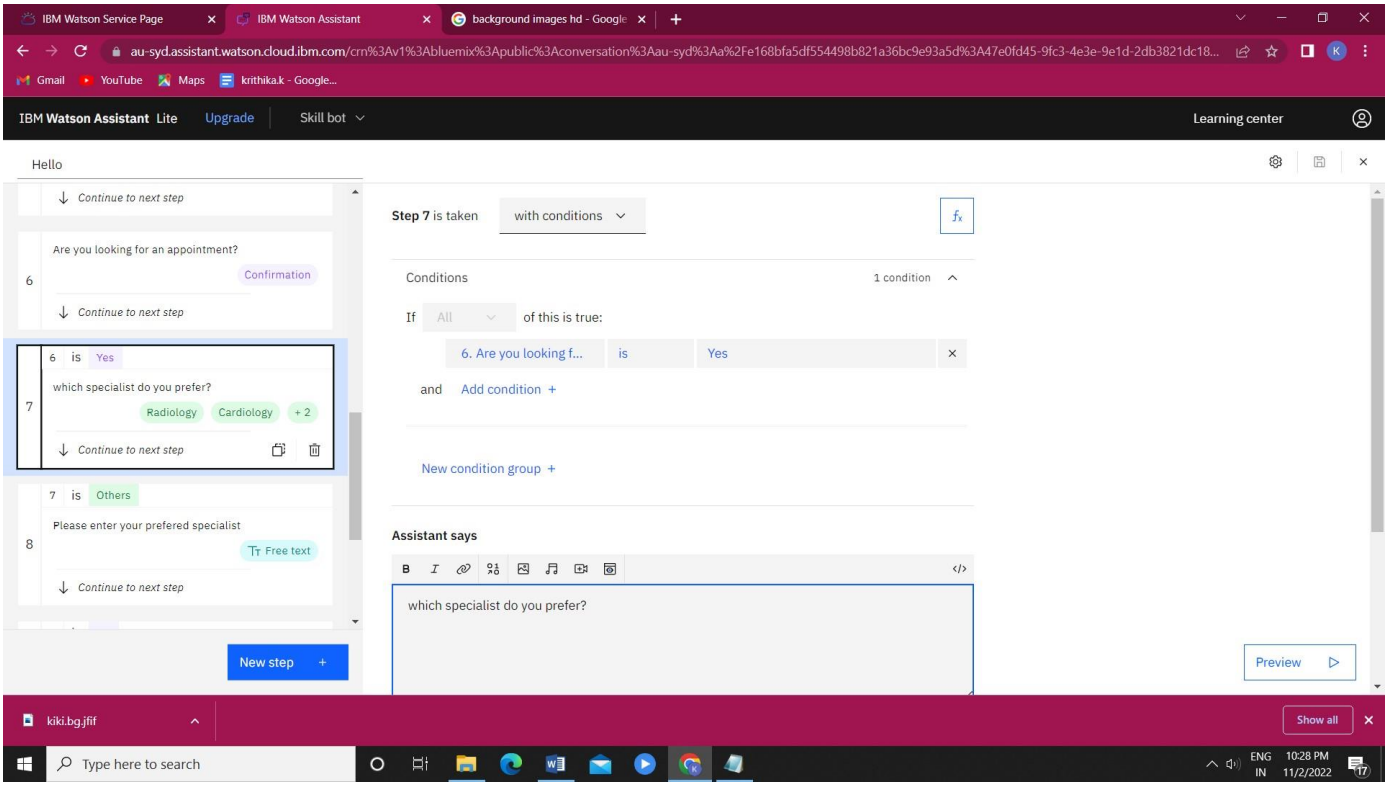
4. Create Watson assistant service with 10 steps and use 3 conditions in it. Load thatscript in HTML page.



Included 3 conditions in steps:




IBM Watson Service Page
IBM Watson Assistant
background images hd - Google
au-syd.assistant.watson.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aau-syd%3Aa%2Fe168bfa5df554498b821a36bc9e93a5d%3A47e0fd45-9fc3-4e3e-9e1d-2db3821dc18...
Gmail
YouTube
Maps
krithika.k - Google...
IBM Watson Assistant Lite
Upgrade
Skill bot
Learning center
Hello
1 is Appointment details
We confirm your appointment through phone calls
Free text
Re-ask previous step(s)
3
1 is Facilities of hospital
We provide you with good and healthy environment including patient clothes, beds and all other needs.
Free text
Re-ask previous step(s)
4
1 is Hospital specialists
We have multiple specialists available in our hospital with ENT, cardiology, Radiology,...
Free text
Continue to next step
5
New step
Step 4 is taken
with conditions
Conditions
1 condition
If All of this is true:
1. What are you loo...
is
Facilities of hospital
and
Add condition +
New condition group +
Assistant says
We provide you with good and healthy environment including patient clothes, beds and all other needs.
Preview
kiki.bg.jfif
Show all
Type here to search
ENG
IN
10:28 PM
11/2/2022


IBM Watson Service Page
IBM Watson Assistant
background images hd - Google
au-syd.assistant.watson.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aau-syd%3Aa%2Fe168bfa5df554498b821a36bc9e93a5d%3A47e0fd45-9fc3-4e3e-9e1d-2db3821dc18...
Gmail
YouTube
Maps
krithika.k - Google...
IBM Watson Assistant Lite
Upgrade
Skill bot
Learning center
Hello
Continue to next step
Are you looking for an appointment?
Confirmation
6
Continue to next step
6 is Yes
which specialist do you prefer?
Radiology
Cardiology
+ 2
Continue to next step
7
7 is Others
Please enter your prefered specialist
Free text
Continue to next step
8
New step
Step 7 is taken
with conditions
Conditions
1 condition
If All of this is true:
6. Are you looking f...
is
Yes
and
Add condition +
New condition group +
Assistant says
which specialist do you prefer?
Preview
kiki.bg.jfif
Show all
Type here to search
ENG
IN
10:28 PM
11/2/2022

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: "eeeb0f13-acd5-4637-97ea-c530364c7833", // The ID of this integration.     region: "au-syd", // The region your integration is hosted in.     serviceInstanceID: "47e0fd45-9fc3-4e3e-9e1d-2db3821dc180", // 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>
          <img src="https://cloudbucket.s3.jp-tok.cloud-object-storage.appdomain.cloud/{{row}}"
width="150px"></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
```