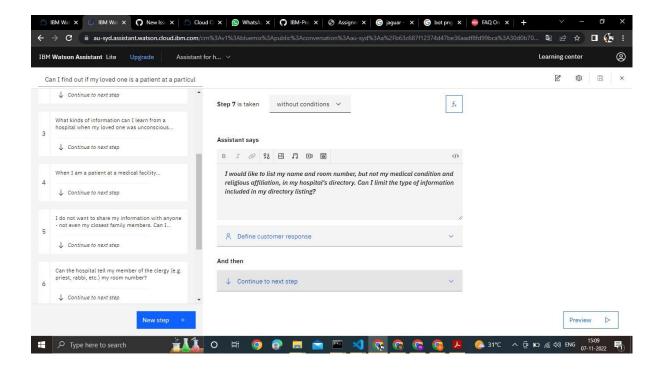
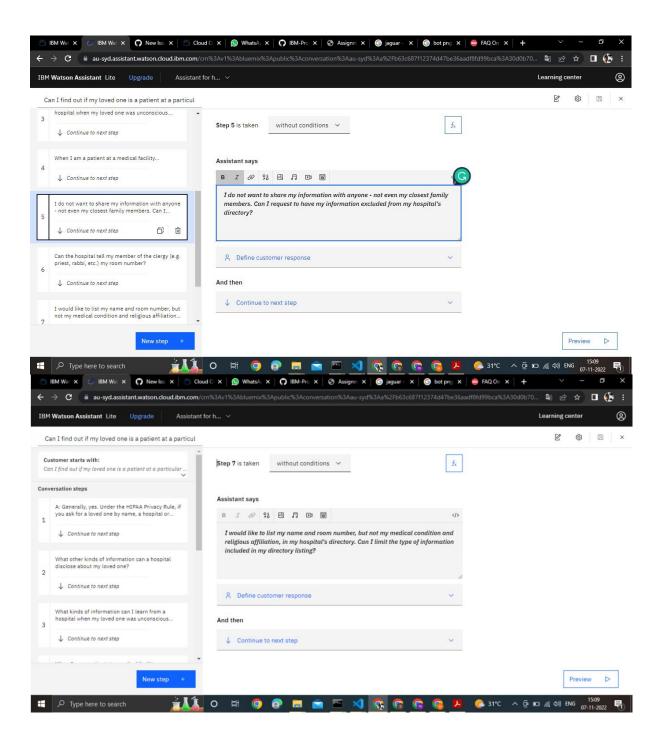
Assignment 3

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Project Title	Inventory Management System for Retailers		

TASK 5: Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page.





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-</pre>
storage.appdomain.cloud/cloudbucket/assign3.css')}}" type="text/css">
  <script> window.watsonAssistantChatOptions = { integrationID: "14b83b8f-3dfd-405f-
   9520b550092892aa", // 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>
         <img src="https://cloudbucket.s3.jp-tok.cloud-object-storage.appdomain.cloud/{{row}}"</pre>
  width="150px">
        </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.r
oute('/')
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=['P
OST']) def upload():
  name_file=request.for
    m['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 <u>__name_=='_main_'</u>:
app.run(host='0.0.0.0',port=8080,debug=True
```