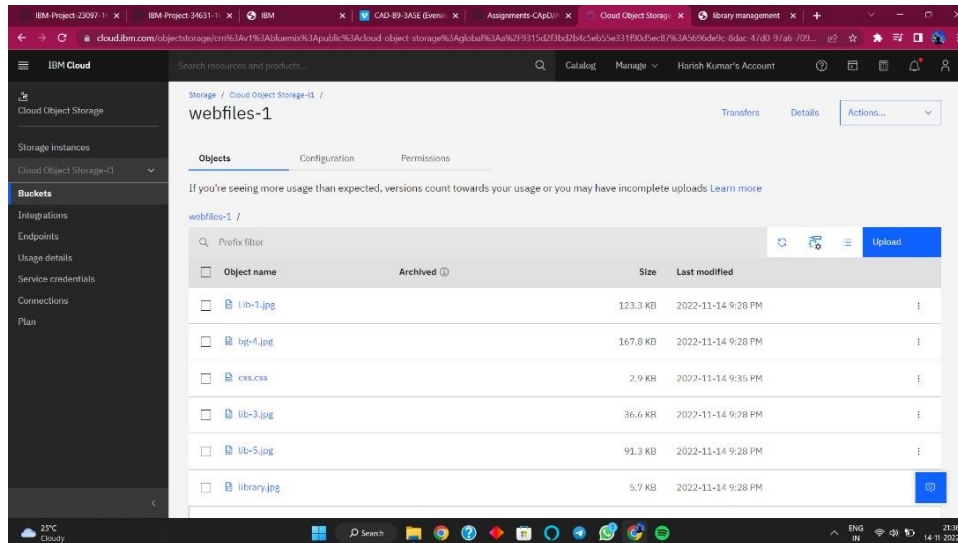
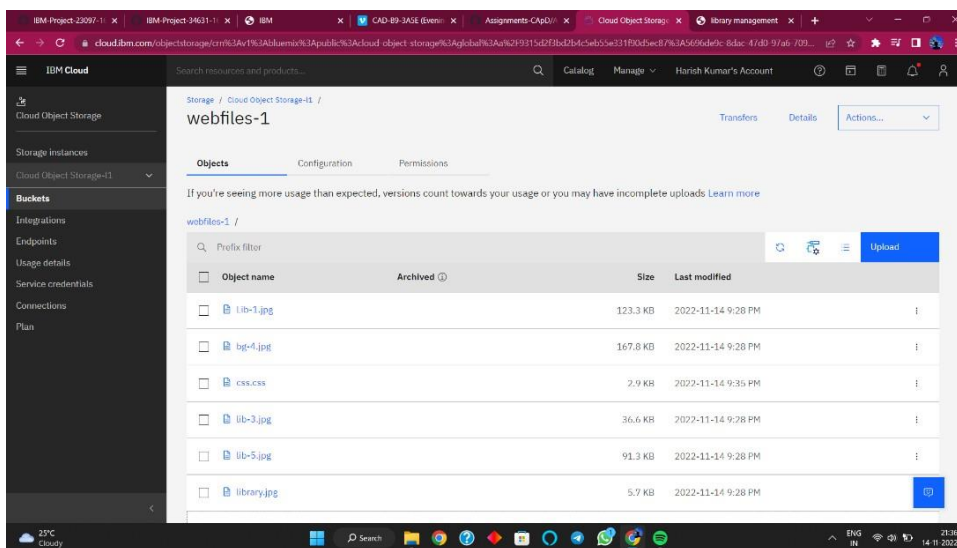


Assignment – 3

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.



Index.html

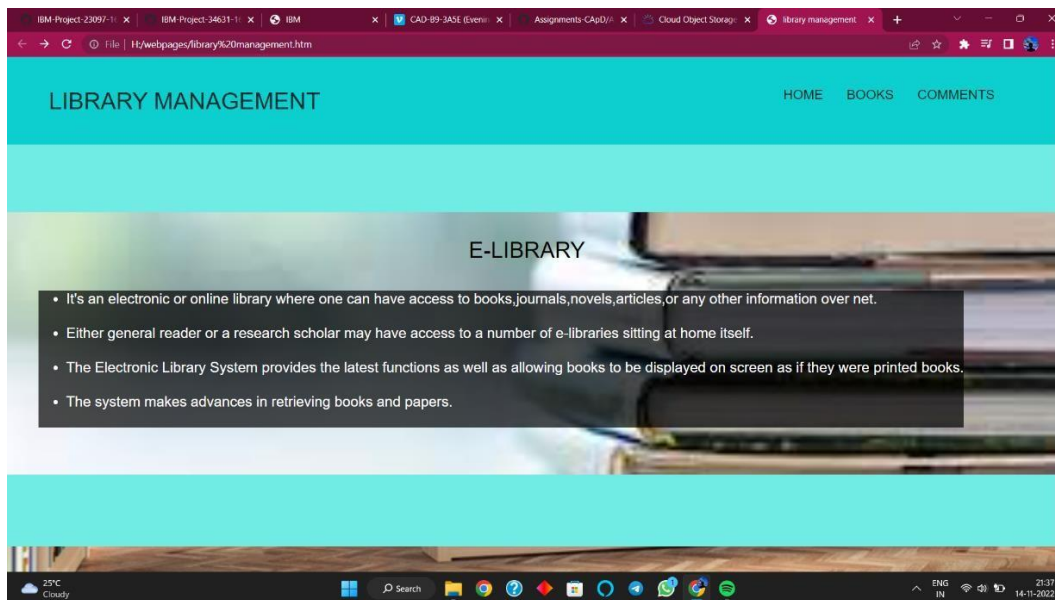
```
<!DOCTYPE html>
```

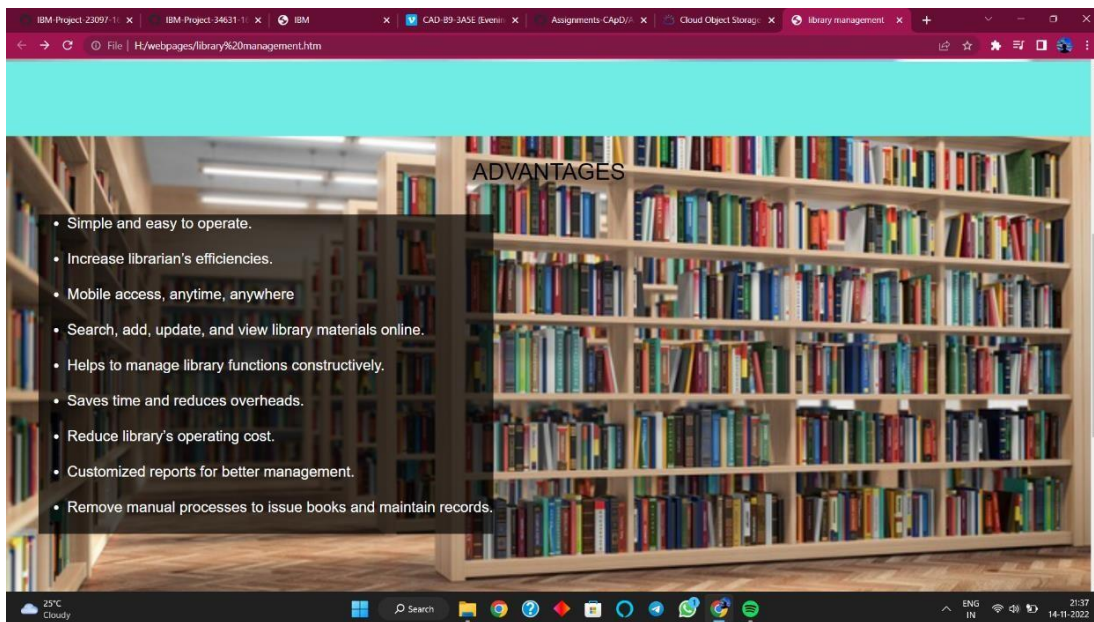
```
<html lang="en">
```

```
<head>
  <title>library management</title>
  <link      rel="stylesheet"      type="text/css"      href="https://s3.us-east.cloud-object-
storage.appdomain.cloud/webfiles-1/css.css">
</head>
<body>
  <div class="container">
    <h1>LIBRARY MANAGEMENT</h1>
    <nav class="navbar">
      <a href="library management.htm" target="_self">HOME</a>
      <a href="images/books.html">BOOKS</a>
      <a href="images/comments.html">COMMENTS</a>
    </nav>
  </div><br><br>
  <div class="container-1">
    <h1 class="subcon">E-LIBRARY</h1><br><br>
    <ul>
      <li>It's an electronic or online library where one can have access to
books,journals,novels,articles,or any other information over net.</li><br>
      <li>Either general reader or a research scholar may have access to a number of e-libraries sitting
at home itself.</li><br>
      <li>The Electronic Library System provides the latest functions as well as allowing books to be
displayed on screen as if they were printed books.</li><br>
      <li>The system makes advances in retrieving books and papers.</li><br>
    </ul>
  </div>
  <div class="container-2">
    <h1 class="subcon-1">ADVANTAGES</h1>
    <ul class="ul-1">
      <li>Simple and easy to operate.</li><br>
      <li>Increase librarian's efficiencies.</li><br>
      <li>Mobile access, anytime, anywhere</li><br>
      <li>Search, add, update, and view library materials online.</li><br>
      <li>Helps to manage library functions constructively.</li><br>
      <li>Saves time and reduces overheads.</li><br>
      <li>Reduce library's operating cost.</li><br>
    </ul>
  </div>
```

```
<li>Customized reports for better management.</li><br>
<li>Remove manual processes to issue books and maintain records.</li><br>
</ul>
</div>
<div class="container-3">
  <h1 class="subcon-2">DISADVANTAGES</h1>
  <ul class="ul-2">
    <li>Online stored data is predisposed to cyber hacks. Opting for a reliable online system reduces the risk</li><br>
    <li>sometimes it is complicated to operate for first-time users</li><br>
    <li>Requires high-speed internet connectivity for a web-based system</li><br>
    <li>Risk of computer virus</li><br>
    <li>Unlike online systems that use cloud computing, Open source system stocks data on the computer's hard drive. This raises the risk of data loss.</li><br>
  </ul>
</div>
</body>
</html>
```

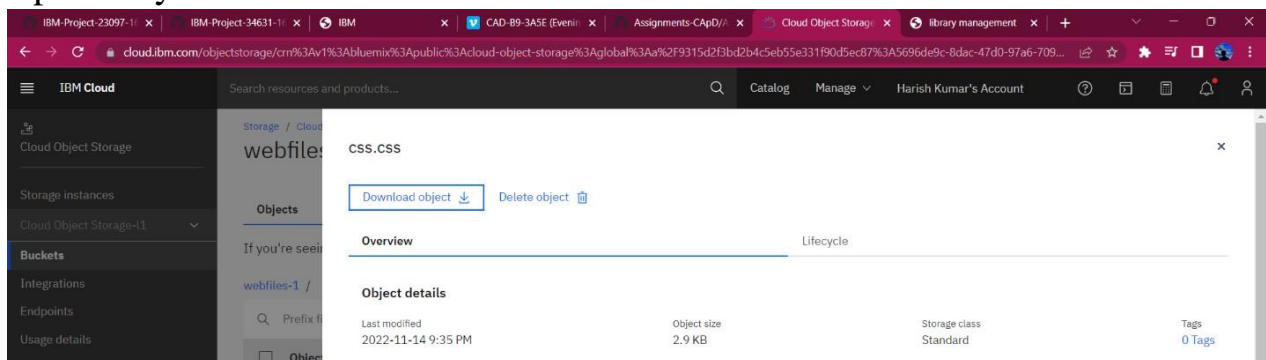
Output





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

Upload style.css to ibm bucket

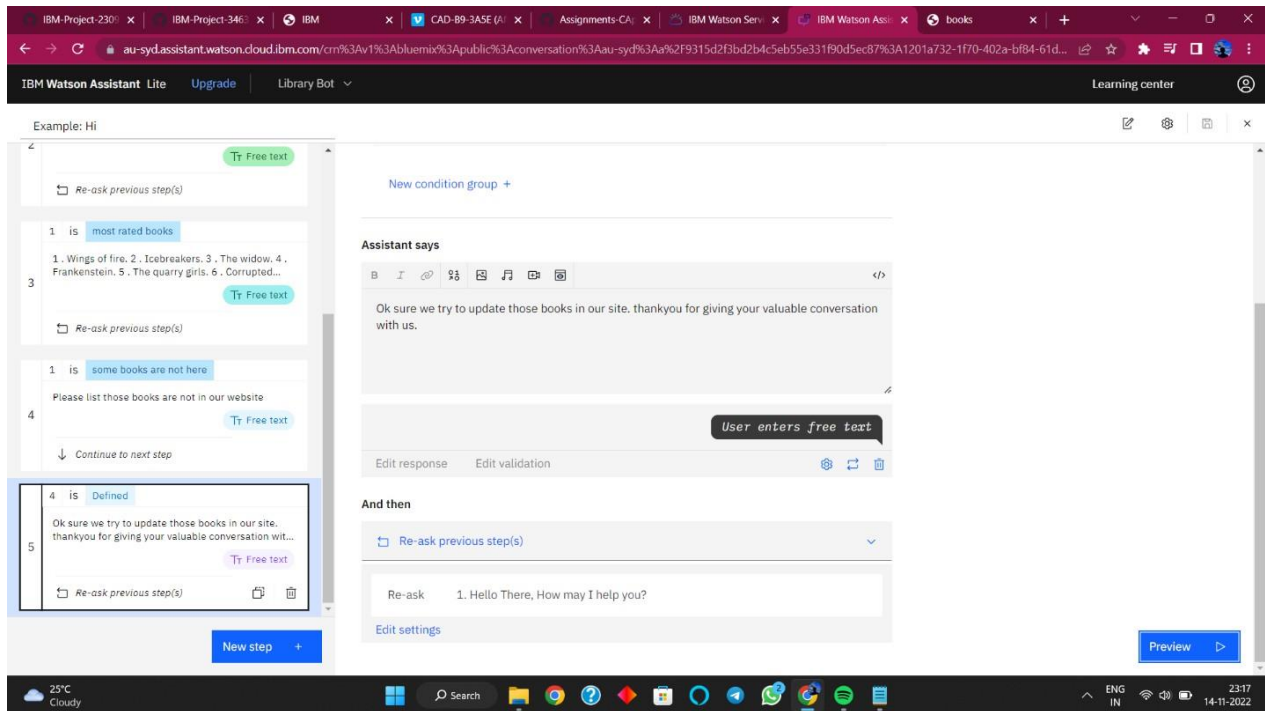


Link the stylesheet in head

```
<link rel="stylesheet" type="text/css" href="https://s3.us-east.cloud-object-storage.appdomain.cloud/webfiles-1/css.css">
```

Output:

4.Design a chatbot using IBM Watson assistant for E-library. Ex: User comes with query to know the latest and most rated books . Submit the web URL of that chat bot as a assignment.



URL of chat bot : <https://au-syd.assistant.watson.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aau-syd%3Aa%2F9315d2f3bd2b4c5eb55e331f90d5ec87%3A1201a732-1f70-402a-bf84-61dd81786920%3A%3A/assistants/ab725431-a5d8-4953-a72d-3a7fedcc590b/environments/6f5300b6-f239-497a-9e86-cab01214ee44/apidetails>

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

library management.html

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
  <title>library management</title>
  <link rel="stylesheet" type="text/css" href="https://s3.us-east.cloud-object-
storage.appdomain.cloud/webfiles-1/css.css">
</head>
<body>
  <div class="container">
    <h1>LIBRARY MANAGEMENT</h1>
    <nav class="navbar">
      <a href="library management.htm" target="_self">HOME</a>
      <a href="images/books.html">BOOKS</a>
      <a href="images/comments.html">COMMENTS</a>
    </nav>
  </div><br><br>
  <div class="container-1">
    <h1 class="subcon">E-LIBRARY</h1><br><br>
    <ul>
      <li>It's an electronic or online library where one can have access to
books,journals,novels,articles,or any other information over net.</li><br>
      <li>Either general reader or a research scholar may have access to a number of e-
libraries sitting at home itself.</li><br>
      <li>The Electronic Library System provides the latest functions as well as allowing
books to be displayed on screen as if they were printed books.</li><br>
      <li>The system makes advances in retrieving books and papers.</li><br>
    </ul>
  </div>
  <div class="container-2">
    <h1 class="subcon-1">ADVANTAGES</h1>
    <ul class="ul-1">
      <li>Simple and easy to operate.</li><br>
```

- Increase librarian's efficiencies.

- Mobile access, anytime, anywhere

- Search, add, update, and view library materials online.

- Helps to manage library functions constructively.

- Saves time and reduces overheads.

- Reduce library's operating cost.

- Customized reports for better management.

- Remove manual processes to issue books and maintain records.

</div>

<div class="container-3">

<h1 class="subcon-2">DISADVANTAGES</h1>

<ul class="ul-2">

Online stored data is predisposed to cyber hacks. Opting for a reliable online system reduces the risk

sometimes it is complicated to operate for first-time users

Requires high-speed internet connectivity for a web-based system

Risk of computer virus

Unlike online systems that use cloud computing, Open source system stocks data on the computer's hard drive. This raises the risk of data loss.

</div>

<script>

 window.watsonAssistantChatOptions = {

 integrationID: "f0775cf3-3958-40eb-b2f5-485eb35448c6", // The ID of this integration.

 region: "au-syd", // The region your integration is hosted in.

 serviceInstanceID: "1201a732-1f70-402a-bf84-61dd81786920", // 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>

```

Output:

