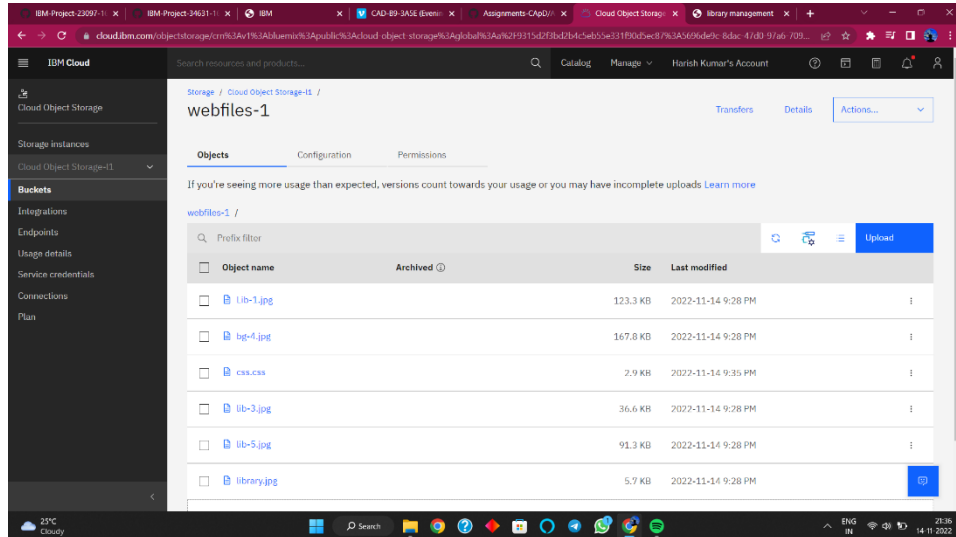
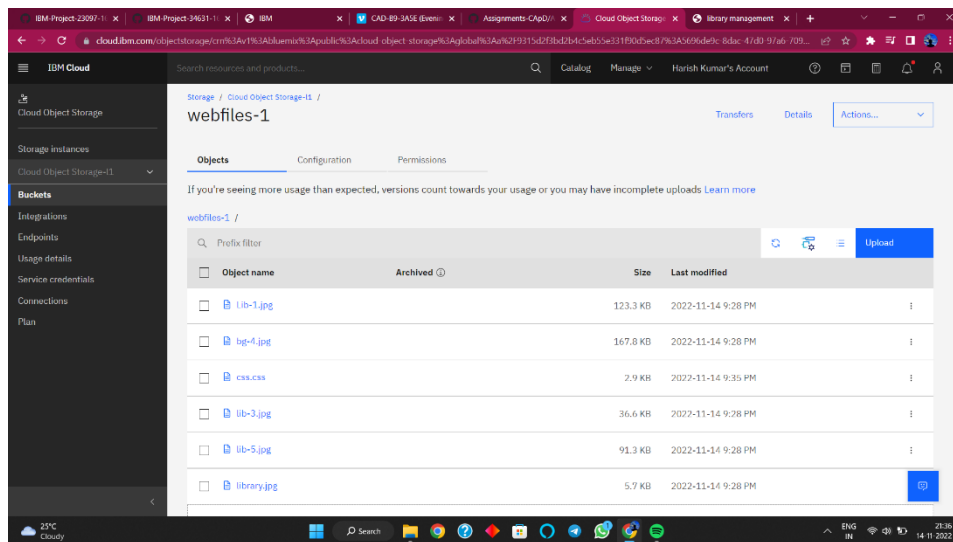


# Assignment – 3

## 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

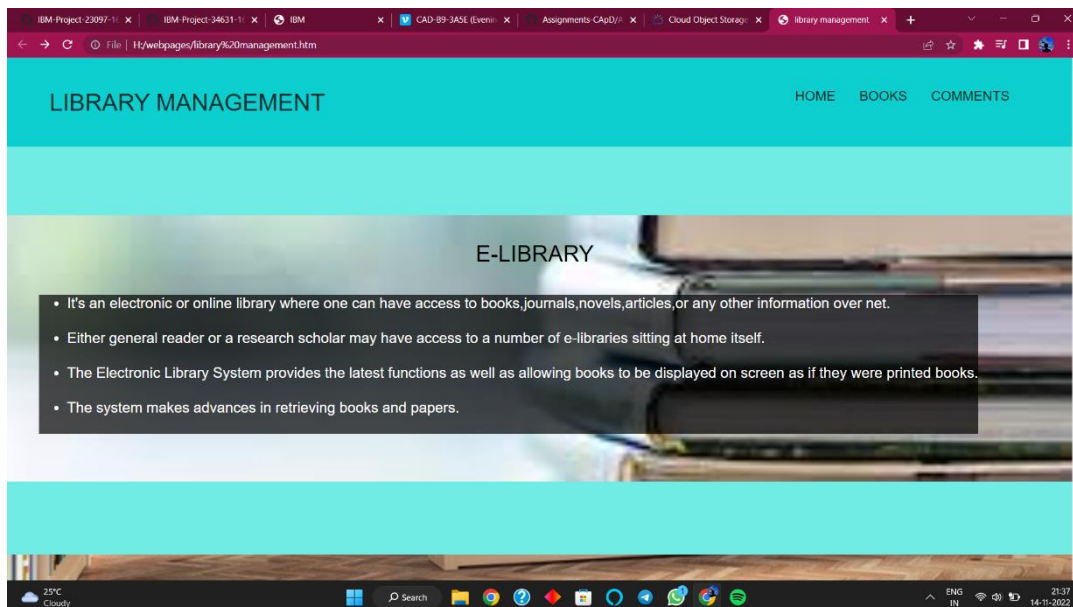
```
<!DOCTYPE html>
```

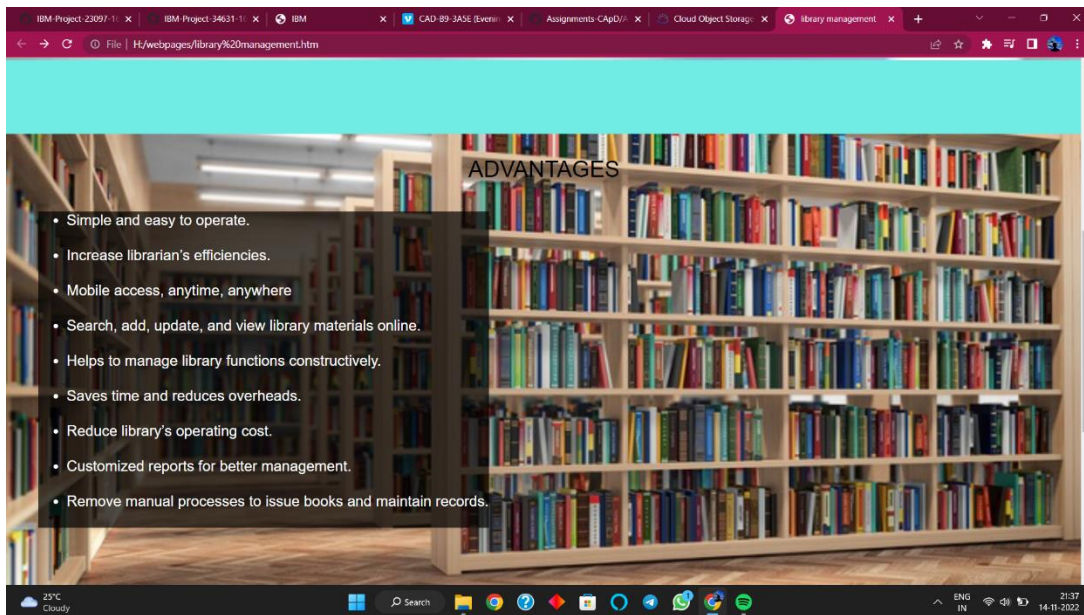
```
<html lang="en">
```

```
<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>
```

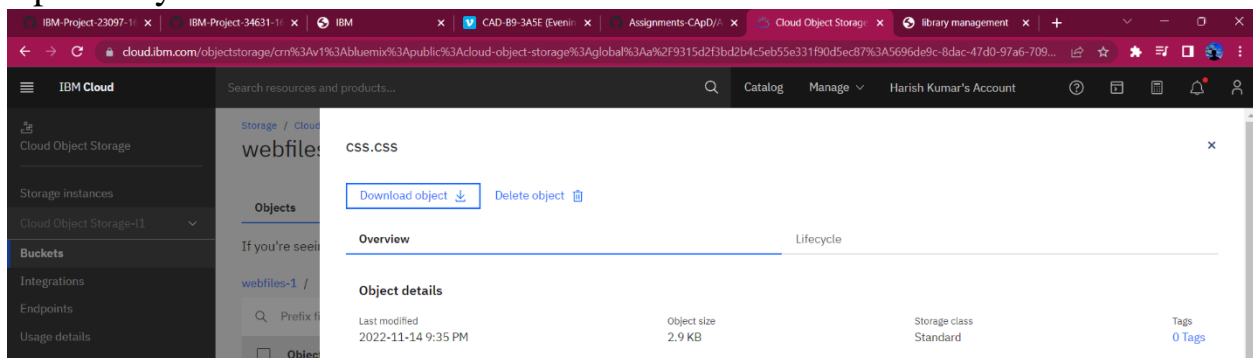
Output





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

Upload style.css to ibm bucket

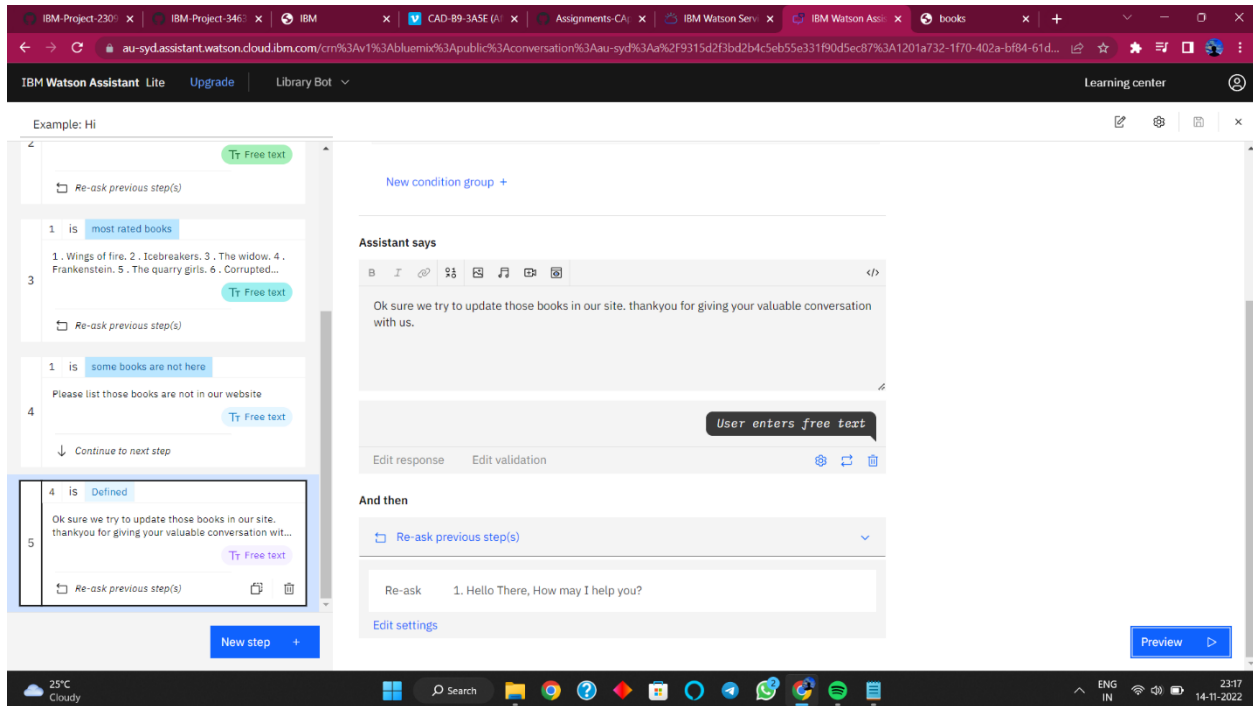


Link the stylesheet in head

```
<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>
```

- <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>
- <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>

<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');

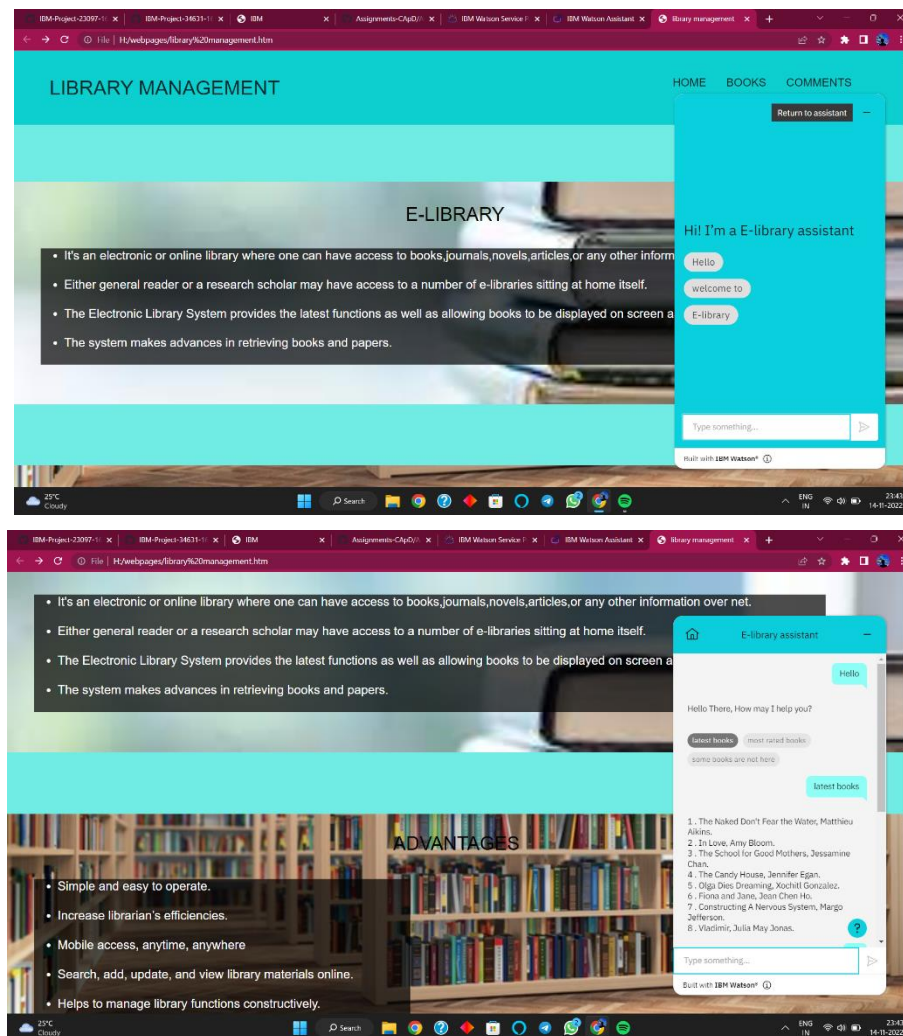
        t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/"
(window.watsonAssistantChatOptions.clientVersion || 'latest')
        +
        "/WatsonAssistantChatEntry.js";

        document.head.appendChild(t);

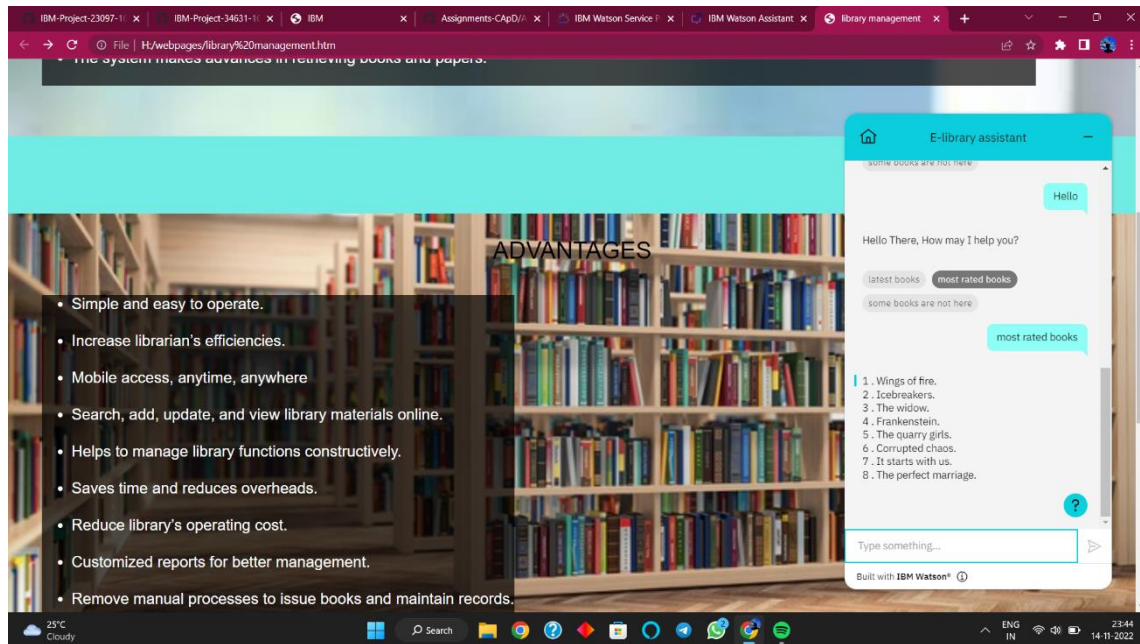
    });
</script>
</body>
</html>

```

## Output:







The system makes advances in retrieving books and papers.

### ADVANTAGES

- Simple and easy to operate.
- 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.

**E-library assistant**

some books are not here

Hello

Hello There, How may I help you?

latest books most rated books

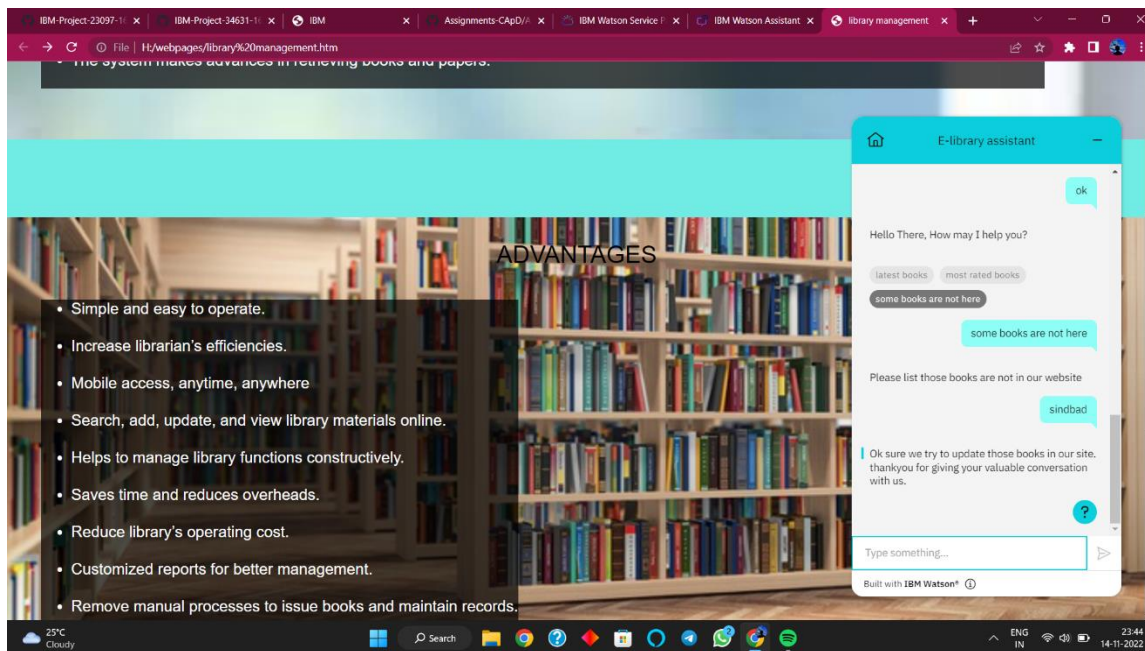
some books are not here

most rated books

1. Wings of fire.
2. Icebreakers.
3. The widow.
4. Frankenstein.
5. The quarry girls.
6. Corrupted chaos.
7. It starts with us.
8. The perfect marriage.

Type something...

Built with IBM Watson®



The system makes advances in retrieving books and papers.

### ADVANTAGES

- Simple and easy to operate.
- 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.

**E-library assistant**

ok

Hello There, How may I help you?

latest books most rated books

some books are not here

some books are not here

Please list those books are not in our website

sindbad

Ok sure we try to update those books in our site, thank you for giving your valuable conversation with us.

Type something...

Built with IBM Watson®