

# ASSIGNMENT –3

## 1. Create a Bucket in IBM object storage.

**Buckets**

Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.

Search

Create bucket +

Name	Public access ⓘ	Location ⓘ	Storage class	Created
test1708	Yes	ap-geo	Standard	2022-11-02 3:43 PM

**2. Upload an 5 images to ibm object storage and make it public.  
write html code to displaying all the 5 images.**

### **Obb.html**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
WELCOME
```

```
<link rel="stylesheet" href="https://s3.tok.ap.cloud-object-  
storage.appdomain.cloud/test1708/ob.css">
```

```
</head>
```

```
<body>
```

```
<h2>ONLY HTML CODE IS USED</h2>
```

```
<div class="polaroid">
```

```


<div class="container">

</div>

</div>

<div class="polaroid">



<div class="container">

</div>

</div>

<div class="polaroid">



```
<div class="container">
```

```
</div>
```

```
</div>
```

```
<div class="polaroid">
```

```

```

```
<div class="container">
```

```
</div>
```

```
</div>
```

```
<div class="polaroid">
```

```

```

```
<div class="container">
```

```
</div>
```

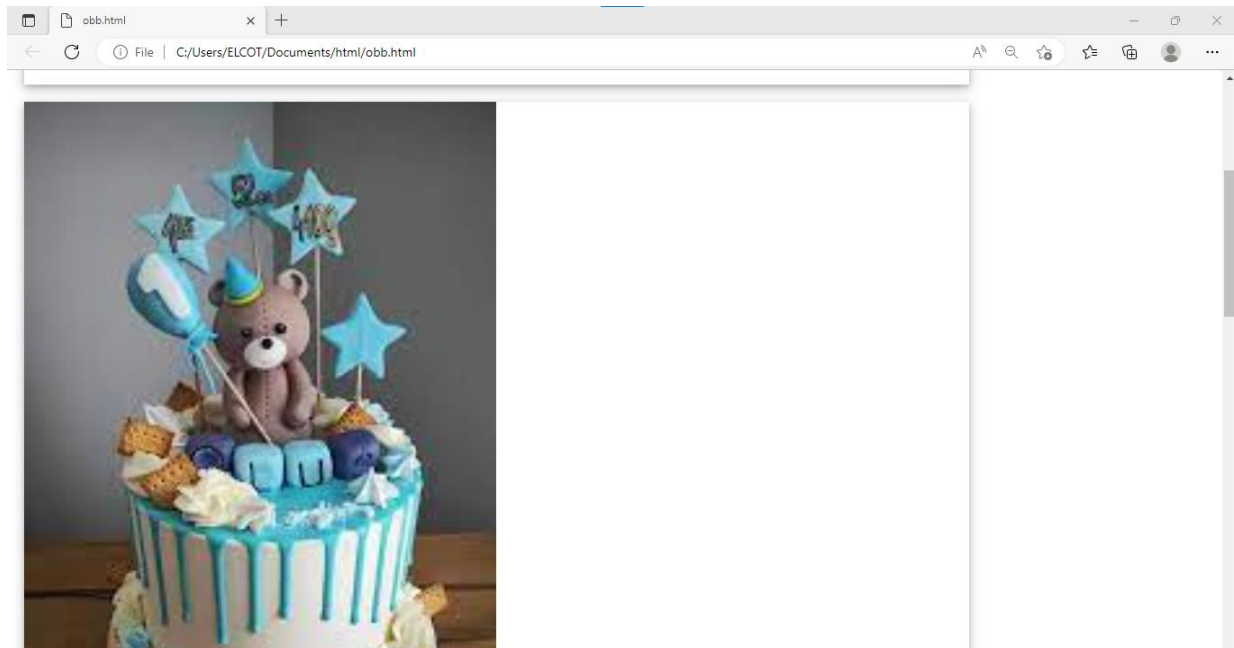
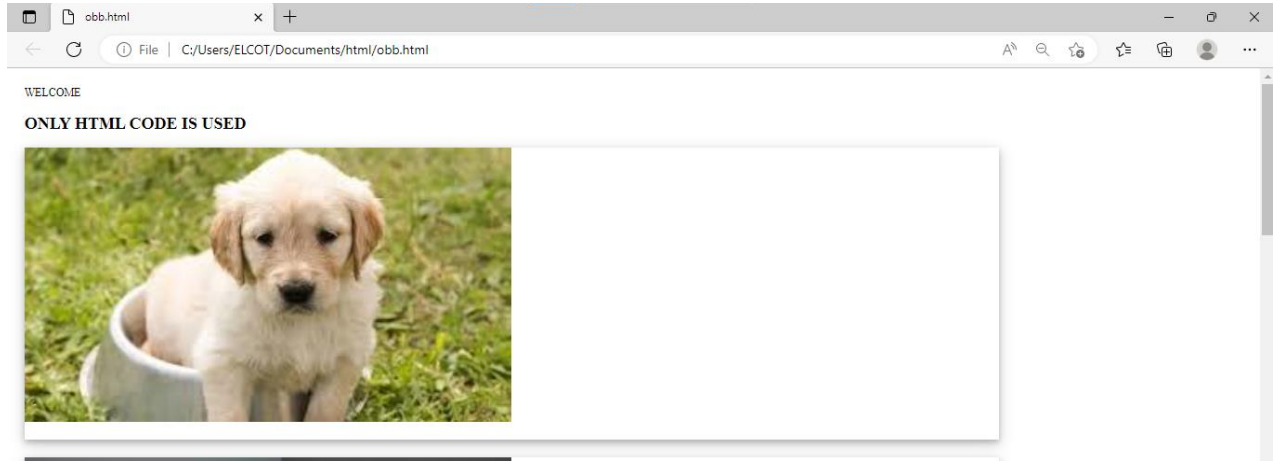
```
</div>
```

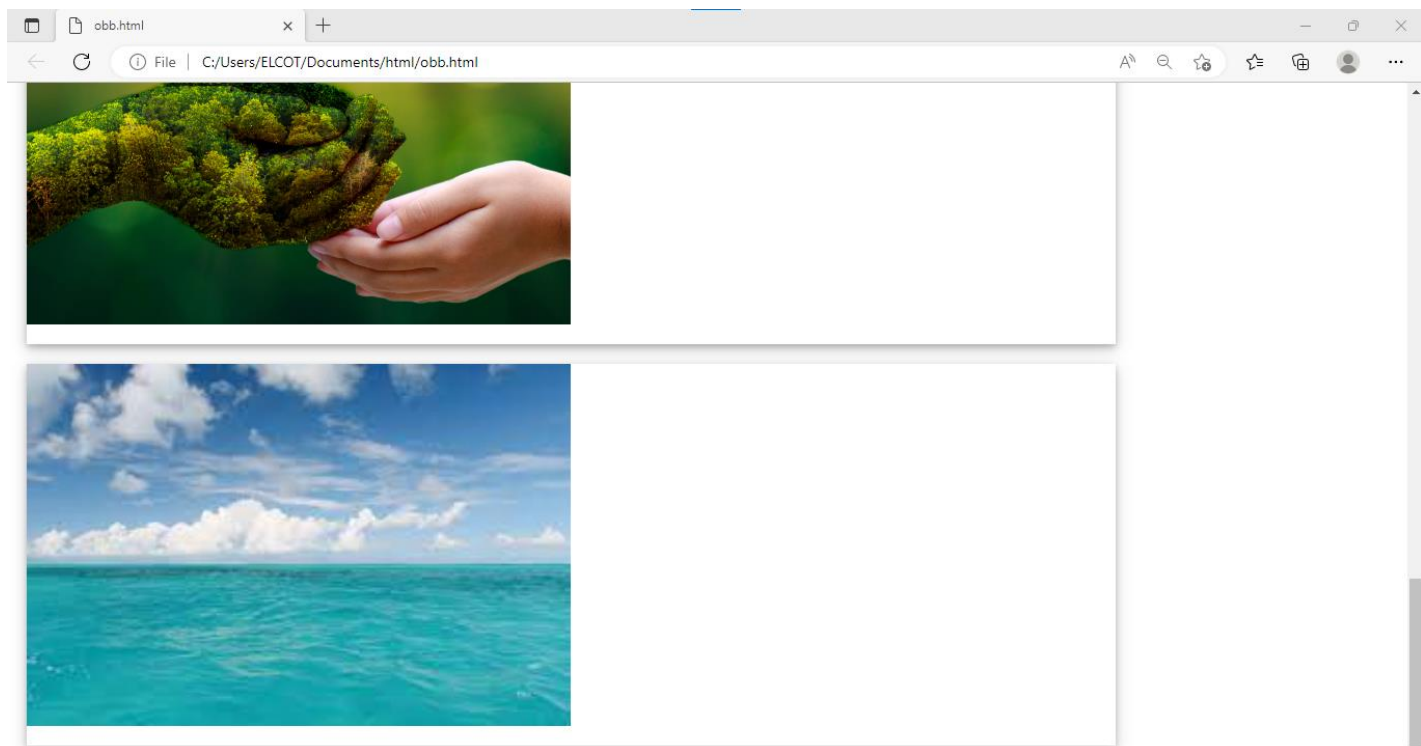
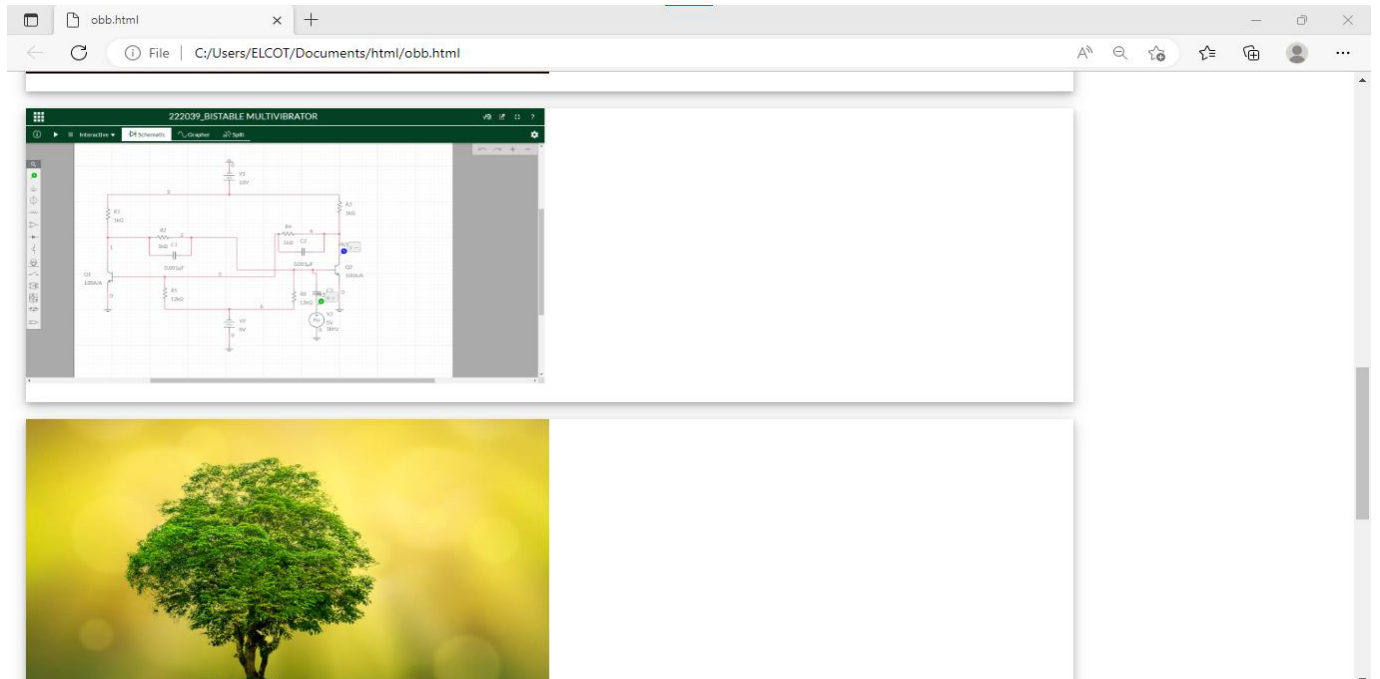
```
</body>
```

```
</html>
```

```
C:\Users\ELCOT\Documents\html\obb.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
obb.html obb.css
35
36 <div class="polaroid">
37
38 
39
40 <div class="container">
41 </div>
42
43 </div>
44
45 <div class="polaroid">
46
47 
49
50 <div class="container">
51 </div>
52
53 </div>
54
55 </div>
56
57 <div class="polaroid">
58
59 
63
64 <div class="container">
65 </div>
66
67 </div>
68
69 </body>
70
71 </html>
```

```
C:\Users\ELCOT\Documents\html\obb.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
obb.html obb.css
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5
6 WELCOME
7
8 <link rel="stylesheet" href="https://s3.tok.ap.cloud-object-storage.appdomain.cloud/test1708/ob.css">
9
10 </head>
11
12 <body>
13
14 <h2>ONLY HTML CODE IS USED</h2>
15
16 <div class="polaroid">
17
18 
20
21 <div class="container">
22 </div>
23
24 </div>
25
26 <div class="polaroid">
27
28 
30
31 <div class="container">
32 </div>
33
34 </div>
35
36 <div class="polaroid">
37
38 
39
40 <div class="container">
```







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

**Ob.css**

```
body {margin:25px;}
```

```
div.polaroid {
```

```
width: 20%; background-color: white;
```

```
box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19); margin-bottom: 25px;
```

```
}
```

```
div.container {
```

```
text-align: center;
```

```
padding: 10px 20px;
```

C:\Users\ELCOT\Documents\html\ob.css - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

ob.css

```
1 body {margin:25px;}
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
```

```
div.polaroid {
width: 20%; background-color: white;
box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19); margin-bottom: 25px;
}

div.container {
text-align: center;
padding: 10px 20px;
}
```

## 4.Design a chatbot using IBM Watson assistant for hospital. Ex: User comes with query to know the branches for that hospital in your city.

The screenshot displays the IBM Watson Assistant interface for a chatbot titled "I need hospital assistance".

- Customer starts with:** A text box containing "hello".
- Conversation steps:** A list of three steps:
  - Step 1: "What kind of assistance do you want ?" with buttons "Booking an a..." and "About Hospital". A "Continue to next step" arrow is below.
  - Step 2: "This step has no content" with a "Go to action: About hospital" button.
  - Step 3: "This step has no content" with a "Go to action: Booking an Appoi..." button.
- Customer starts with:** A section for defining phrases to start the conversation. It includes instructions: "Enter phrases that a customer types or says to start the conversation about a specific topic. These phrases determine the task, problem, or question your customer has." and "The more phrases you enter, the better your assistant can recognize what the customer wants." Below this is a list of phrases: "I need hospital assistance", "hi", and "hello".
- Preview:** A red header with a "Preview" button and a refresh icon. The chat history shows:
  - Greet customer [default]: "Welcome, how can I assist you?"
  - User input: "I need hospital assistance"
  - Assistant response: "I need hospital assistance" recognized
  - User input: "What kind of assistance do you want ?"
  - Buttons: "About Hospital", "Booking an appointment"
  - User input: "About Hospital"
  - Assistant response: "go to About hospital"
  - User input: "What do you want to know ?"
  - Input field: "Type something..."

The screenshot displays the IBM Watson Assistant interface for the same chatbot, but with updated content.

- Customer starts with:** A text box containing "hello".
- Conversation steps:** A list of three steps:
  - Step 1: "What kind of assistance do you want ?" with buttons "Booking an a..." and "About Hospital". A "Continue to next step" arrow is below.
  - Step 2: "This step has no content" with a "Go to action: About hospital" button.
  - Step 3: "This step has no content" with a "Go to action: Booking an Appoi..." button.
- Customer starts with:** A section for defining phrases to start the conversation. It includes instructions: "Enter phrases that a customer types or says to start the conversation about a specific topic. These phrases determine the task, problem, or question your customer has." and "The more phrases you enter, the better your assistant can recognize what the customer wants." Below this is a list of phrases: "I need hospital assistance", "hi", and "hello".
- Preview:** A red header with a "Preview" button and a refresh icon. The chat history shows:
  - go to About hospital
  - User input: "What do you want to know ?"
  - Buttons: "Hospital name", "Branches of hospital", "Facilities provided"
  - User input: "Hospital name"
  - Assistant response: "Galaxy Hospital"
  - User input: "Do you want to continue ?"
  - Buttons: "Yes", "No"
  - User input: "Yes"
  - Input field: "Type something..."

I need hospital assistance

Customer starts with:  
hello

Conversation steps

1

What kind of assistance do you want ?

Booking an a...

About Hospital

Continue to next step

1

is

About Hospital

2

This step has no content

Go to action: About hospital

1

is

Booking an appointment

3

This step has no content

Go to action: Booking an Appoi...

New step +

Customer starts with:

Enter phrases that a customer types or says to start the conversation about a specific topic. These phrases determine the task, problem, or question your customer has.

The more phrases you enter, the better your assistant can recognize what the customer wants.

Enter phrases your customer might use to start this action Total: 3

Enter a phrase

I need hospital assistance

hi

hello

Preview

Hospital name

Galaxy Hospital

Do you want to continue ?

Yes No

Yes

Trichy,Chennai,Coimbatore

There are no additional steps for this action. Add a new step or end the action.

I need hospital assistance ended

Type something...

I need hospital assistance

Customer starts with:  
hello

Conversation steps

1

What kind of assistance do you want ?

Booking an a...

About Hospital

Continue to next step

1

is

About Hospital

2

This step has no content

Go to action: About hospital

1

is

Booking an appointment

3

This step has no content

Go to action: Booking an Appoi...

New step +

Customer starts with:

Enter phrases that a customer types or says to start the conversation about a specific topic. These phrases determine the task, problem, or question your customer has.

The more phrases you enter, the better your assistant can recognize what the customer wants.

Enter phrases your customer might use to start this action Total: 3

Enter a phrase

I need hospital assistance

hi

hello

Preview

What kind of assistance do you want ?

About Hospital Booking an appointment

Booking an appointment

go to Booking an Appointment

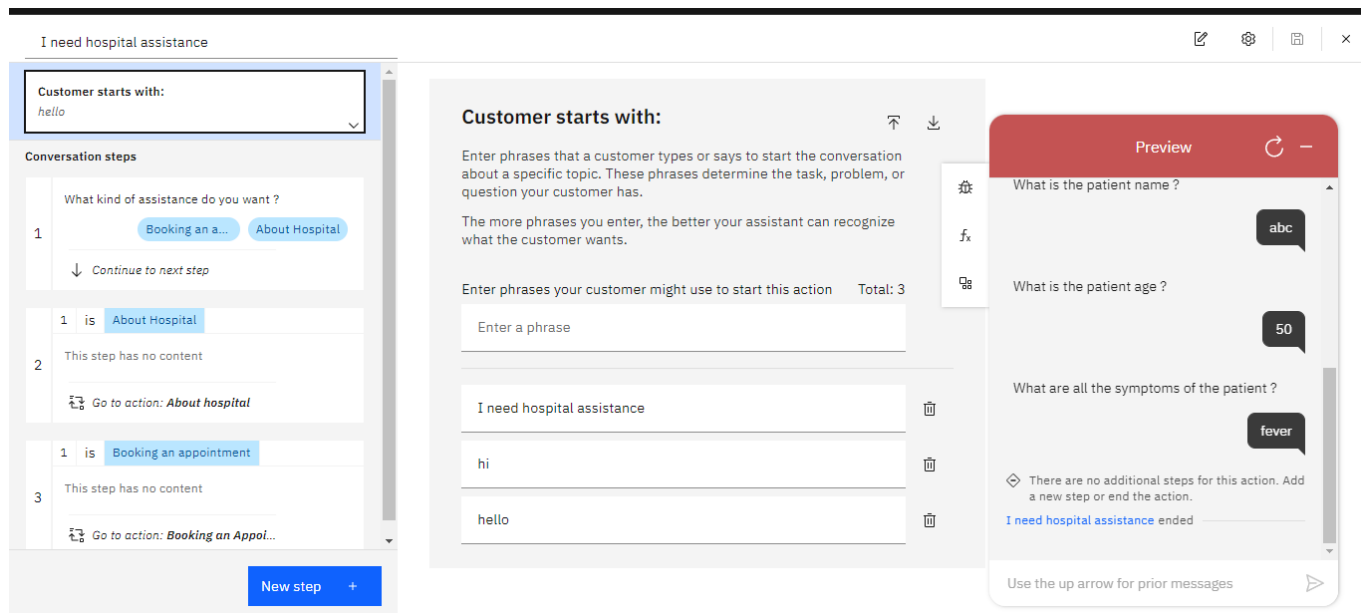
What is the patient name ?

abc

What is the patient age ?

50

Type something...



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

## Hospital.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title>Chatbot page</title>
```

```
<style>
```

```
header{
```

```
display: flex;
```

```
justify-content: center;
```

```
align-items: center;
```

```
flex-direction: column;
```

```
color:midnightblue;
}
main{
display:flex;
justify-content: center;
align-items: center;
flex-direction: column;
}
body{
margin:0.3 px;
padding:0.5 px;
border:0.1 px solid black;
}
.img{
text-align: center;
}
h3{
color:midnightblue;
}
</style>
</head>
<body>
<header>
```

## <h2>GALAXY HOSPITAL</h2>

<p>Your health is our primary concern.</p>

</header>

<main>

<section>

### <h3>Introduction</h3>

<p>A hospital is a health care institution providing patient treatment with specialized health science and auxiliary healthcare staff and medical equipment. The

best-known type of hospital is the general hospital, which typically has an emergency

department to treat urgent health problems ranging from fire and accident victims to a sudden

illness. A district hospital typically is the major health care facility in its region, with

many beds for intensive care and additional beds for patients who need long-term care.

Specialized hospitals include trauma centers, rehabilitation hospitals, children's hospitals,

seniors' (geriatric) hospitals, and hospitals for dealing with specific medical needs such as

psychiatric treatment (see psychiatric hospital) and certain disease categories. Specialized

hospitals can help reduce health care costs compared to general hospitals. Hospitals are

classified as general, specialty, or government depending on the sources of income

received.</p>

<div class="img">

</div>

<p>A teaching hospital combines assistance to people with teaching to health science students and auxiliary healthcare students. A health science facility smaller

than a hospital is generally called a clinic. Hospitals have a range of departments (e.g.

surgery and urgent care) and specialist units such as cardiology. Some hospitals have

outpatient departments and some have chronic treatment units. Common support units include a

pharmacy, pathology, and radiology.</p>

<p>Hospitals are typically funded by public funding, health organisations

(for-profit or nonprofit), health insurance companies, or charities, including direct

charitable donations. Historically, hospitals were often founded and funded by religious

orders, or by charitable individuals and leaders.</p>

<p>Currently, hospitals are largely staffed by professional physicians,



surgeons, nurses, and allied health practitioners, whereas in the past, this work was usually

performed by the members of founding religious orders or by volunteers. However, there are

various Catholic religious orders, such as the Alexians and the Bon Secours Sisters that

still focus on hospital ministry in the late 1990s, as well as several other Christian

denominations, including the Methodists and Lutherans, which run hospitals.

<script>

```
window.watsonAssistantChatOptions = {  
  integrationID: "8b42d2c8-53f3-4033-87b7-aa71affaa1cc", // The ID  
  of this integration.  
  region: "us-south", // The region your integration is hosted in.  
  serviceInstanceID: "6af5a2fe-de68-40d2-b466-860f5fef54e8", // 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>
```

```
C:\Users\ELCOT\Documents\html\hospital1.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
[Icons]
ob.html ob.css hospital1.html
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Chatbot page</title>
6 <style>
7 header{
8 display: flex;
9 justify-content: center;
10 align-items: center;
11 flex-direction: column;
12 color: midnightblue;
13 }
14 main{
15 display: flex;
16 justify-content: center;
17 align-items: center;
18 flex-direction: column;
19 }
20 body{
21 margin: 0.3 px;
22 padding: 0.5 px;
23 border: 0.1 px solid black;
24 }
25 .img{
26 text-align: center;
27 }
28 h3{
29 color: midnightblue;
30 }
31 </style>
32 </head>
33 <body>
34 <header>
35 <h2>GALAVY HOSPITAL</h2>
36 <p>Your health is our primary concern.</p>
37 </header>
38 <main>
39 <section>
40 <h3>Introduction</h3>
41 <p>A hospital is a health care institution providing patient treatment
42 with specialized health science and auxiliary healthcare staff and medical equipment. The
43 best-known type of hospital is the general hospital, which typically has an emergency
44 department to treat urgent health problems ranging from fire and accident victims to a sudden
45 illness. A district hospital typically is the major health care facility in its region, with
46 many beds for intensive care and additional beds for patients who need long-term care.
47 Specialized hospitals include trauma centers, rehabilitation hospitals, children's hospitals,
48 seniors' (geriatric) hospitals, and hospitals for dealing with specific medical needs such as
49 psychiatric treatment (see psychiatric hospital) and certain disease categories. Specialized
50 hospitals can help reduce health care costs compared to general hospitals. Hospitals are
```

```
C:\Users\ELCOT\Documents\html\hospital1.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
[Icons]
ob.html ob.css hospital1.html
41 <p>A hospital is a health care institution providing patient treatment
42 with specialized health science and auxiliary healthcare staff and medical equipment. The
43 best-known type of hospital is the general hospital, which typically has an emergency
44 department to treat urgent health problems ranging from fire and accident victims to a sudden
45 illness. A district hospital typically is the major health care facility in its region, with
46 many beds for intensive care and additional beds for patients who need long-term care.
47 Specialized hospitals include trauma centers, rehabilitation hospitals, children's hospitals,
48 seniors' (geriatric) hospitals, and hospitals for dealing with specific medical needs such as
49 psychiatric treatment (see psychiatric hospital) and certain disease categories. Specialized
50 hospitals can help reduce health care costs compared to general hospitals. Hospitals are
51 classified as general, specialty, or government depending on the sources of income
52 received.</p>
53 <div class="img">
54 </div>
55 <p>A teaching hospital combines assistance to people with teaching to
56 health science students and auxiliary healthcare students. A health science facility smaller
57 than a hospital is generally called a clinic. Hospitals have a range of departments (e.g.
58 surgery and urgent care) and specialist units such as cardiology. Some hospitals have
59 outpatient departments and some have chronic treatment units. Common support units include a
60 pharmacy, pathology, and radiology.</p>
61 <p>Hospitals are typically funded by public funding, health organisations
62 (for-profit or nonprofit), health insurance companies, or charities, including direct
63 charitable donations. Historically, hospitals were often founded and funded by religious
64 orders, or by charitable individuals and leaders.</p>
65 <p>Currently, hospitals are largely staffed by professional physicians,
66 surgeons, nurses, and allied health practitioners, whereas in the past, this work was usually
67 performed by the members of founding religious orders or by volunteers. However, there are
68 various Catholic religious orders, such as the Alexians and the Bon Secours Sisters that
69 still focus on hospital ministry in the late 1990s, as well as several other Christian
70 denominations, including the Methodists and Lutherans, which run hospitals.
71 </script>
72 window.watsonAssistantChatOptions = {
73 integrationID: "8b5d2d3c-51f2-4033-87b7-a21affa1ac", // The ID of this integration.
74 region: "us-east-1", // The region your integration is hosted in.
75 serviceInstanceID: "6af5a2fe-de68-40d2-b466-84025fe594e8", // The ID of your service instance.
76 onLoad: function(instance) { instance.render(); }
77 };
78 setTimeout(function() {
79 const undocument.createElement('script');
80 u.src="https://web-chat-global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
81 document.head.appendChild(t);
82 });
83 </script>
```

Chatbot page x +


File | C:/Users/ELCOT/Documents/html/hospital1.html

## GALAXY HOSPITAL

Your health is our primary concern.

### Introduction

A hospital is a health care institution providing patient treatment with specialized health science and auxiliary healthcare staff and medical equipment. The best-known type of hospital is the general hospital, which typically has an emergency department to treat urgent health problems ranging from fire and accident victims to a sudden illness. A district hospital typically is the major health care facility in its region, with many beds for intensive care and additional beds for patients who need long-term care. Specialized hospitals include trauma centers, rehabilitation hospitals, children's hospitals, seniors' (geriatric) hospitals, and hospitals for dealing with specific medical needs such as psychiatric treatment (see psychiatric hospital) and certain disease categories. Specialized hospitals can help reduce health care costs compared to general hospitals. Hospitals are classified as general, specialty, or government depending on the sources of income received.



A teaching hospital combines assistance to people with teaching to health science students and auxiliary healthcare students. A health science facility smaller than a hospital is generally called a clinic. Hospitals have a range of departments (e.g. surgery and urgent care) and specialist units such as cardiology. Some hospitals have outpatient departments and some have chronic treatment units. Common support units include a pharmacy, pathology, and radiology.

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Currently, hospitals are largely staffed by professional physicians, surgeons, nurses, and allied health practitioners, whereas in the past, this work was usually performed by the members of founding religious orders or by volunteers. However, there are various Catholic religious orders, such as the Alexians and the Bon Secours Sisters that still focus on hospital ministry in the late 1990s, as well as several other

Chatbot page x +


File | C:/Users/ELCOT/Documents/html/hospital1.html

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### Watson Assistant

continue. If you refresh the page now, you'll have to start a new conversation.

I need hospital assistance

What kind of assistance do you want ?

About Hospital Booking an appointment

About Hospital

What do you want to know ?

Hospital name Branches of hospital

Facilities provided

Type something...

Built with IBM Watson®

Chatbot page


C:/Users/ELCOT/Documents/html/hospital1.html

Galaxy Hospital

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Watson Assistant

Facilities provided

Do you want to continue ?

Yes No

Yes

Trichy,Chennai,Coimbatore

Day care services.

-> 24x7 Pharmacy

-> 24x7 Clinical Laboratory Service

-> 24x7 Ambulance

->OPD Procedure

Type something...

Built with IBM Watson®

Chatbot page


C:/Users/ELCOT/Documents/html/hospital1.html

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Watson Assistant

Hospital name Branches of hospital

Facilities provided

Hospital name

Galaxy Hospital

Do you want to continue ?

Yes No

Yes

Trichy,Chennai,Coimbatore

Type something...

Built with IBM Watson®