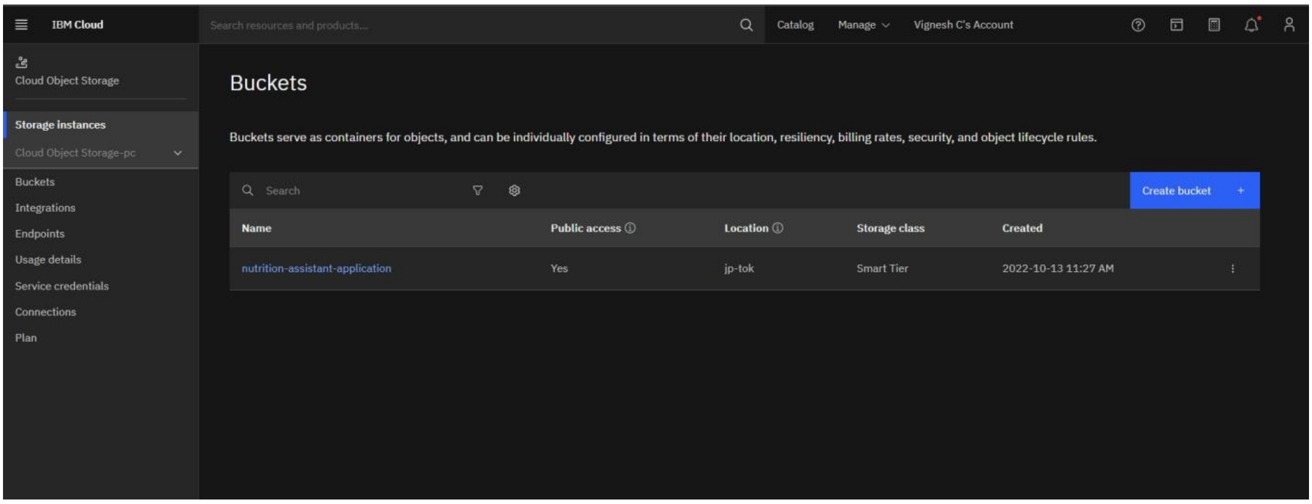
Assignment
-3

Assignment Date	22 September 2022
Student Name	Vignesh C
Student Roll Number	111519205056
Maximum Marks	2 Marks

Question 1:

Create a bucket in IBM object Storage.



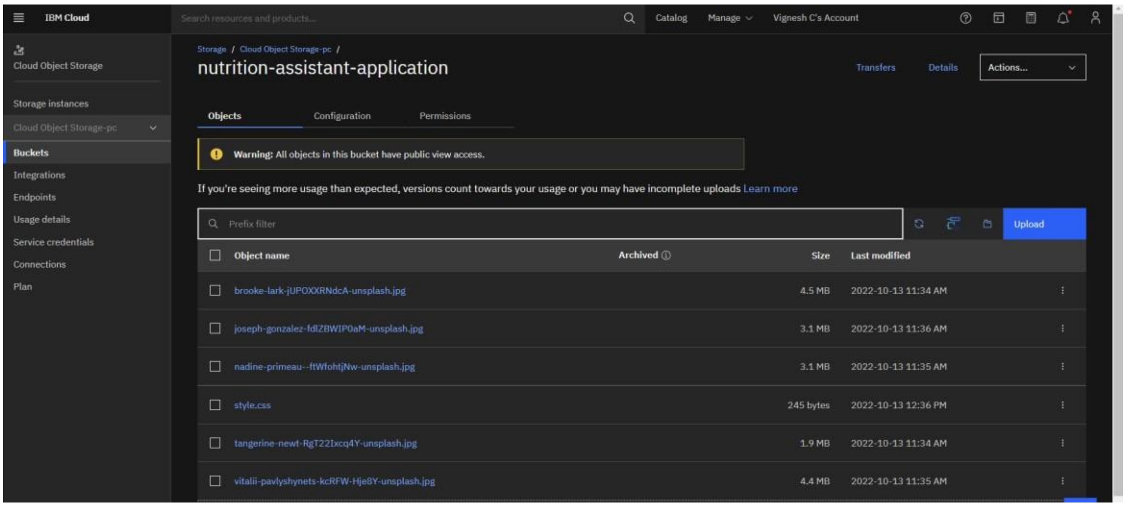
Buckets

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

Name	Public access	Location	Storage class	Created
nutrition-assistant-application	Yes	jp-tok	Smart Tier	2022-10-13 11:27 AM

Question 2:

Upload any 5 images to IBM object storage and make it public. Write HTML code to display all the 5 images.



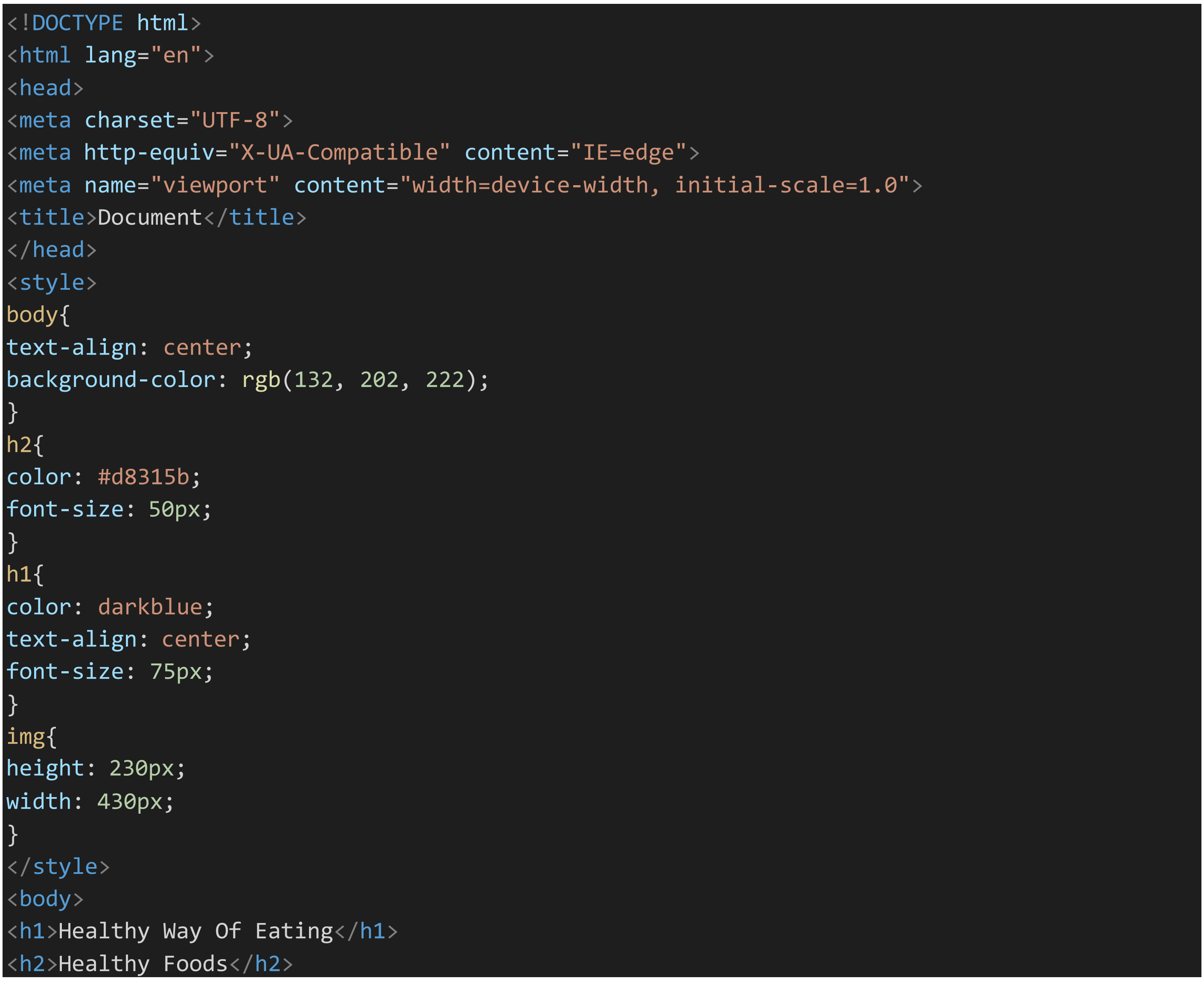
nutrition-assistant-application

Warning: All objects in this bucket have public view access.

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads Learn more

☐	Object name	Archived	Size	Last modified
☐	brooke-lark-jUPOXXRNdcA-unsplash.jpg		4.5 MB	2022-10-13 11:34 AM
☐	joseph-gonzalez-fdlZBWIP0aM-unsplash.jpg		3.1 MB	2022-10-13 11:36 AM
☐	nadine-primeau--ftWfohtjNw-unsplash.jpg		3.1 MB	2022-10-13 11:35 AM
☐	style.css		245 bytes	2022-10-13 12:36 PM
☐	tangerine-newt-RgT22Ixcq4Y-unsplash.jpg		1.9 MB	2022-10-13 11:34 AM
☐	vitalii-pavlyshynets-kcRFW-Hje8Y-unsplash.jpg		4.4 MB	2022-10-13 11:35 AM

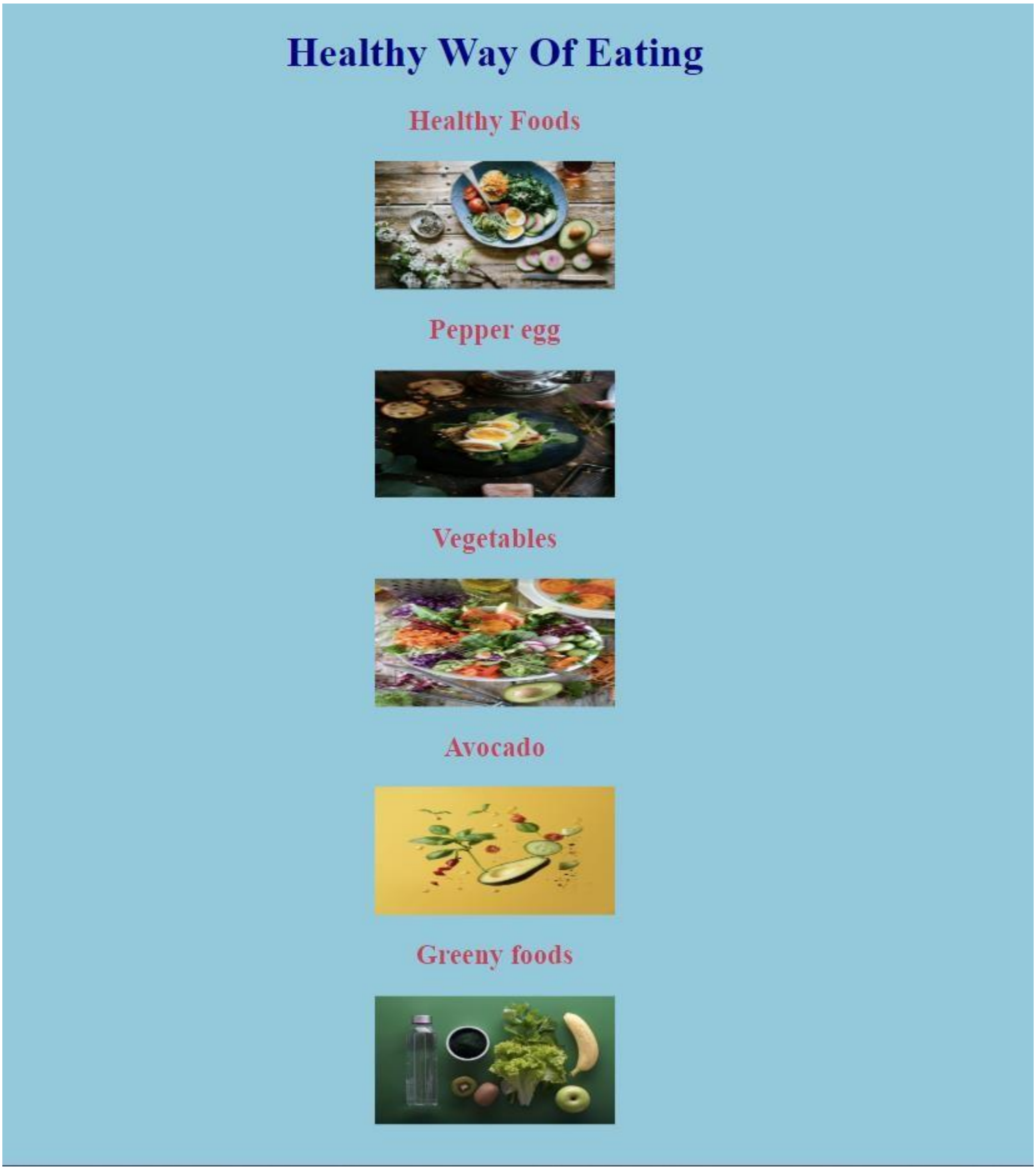
HTML code for displaying images in cloud:



```
<!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>Document</title>
</head>
<style>
body{
text-align: center;
background-color: rgb(132, 202, 222);
}
h2{
color: #d8315b;
font-size: 50px;
}
h1{
color: darkblue;
text-align: center;
font-size: 75px;
}
img{
height: 230px;
width: 430px;
}
</style>
<body>
<h1>Healthy Way Of Eating</h1>
<h2>Healthy Foods</h2>
```

```html
<img src="https://nutrition-assistant-application.s3.jp-tok.cloud-object-storage.appdomain.cloud/brooke-lark-jUPOXXRNdcA-unsplash.jpg" alt="Healthy food">
<h2>Pepper egg</h2>
<img src="https://nutrition-assistant-application.s3.jp-tok.cloud-object-storage.appdomain.cloud/joseph-gonzalez-fdlZBWIP0aM-unsplash.jpg" alt="Pepper egg">
<h2>Vegetables</h2>
<img src="https://nutrition-assistant-application.s3.jp-tok.cloud-object-storage.appdomain.cloud/nadine-primeau--ftWfohtjNw-unsplash.jpg" alt="Vegetables">
<h2>Avocado</h2>
<img src="https://nutrition-assistant-application.s3.jp-tok.cloud-object-storage.appdomain.cloud/tangerine-newt-RgT22Ixcq4Y-unsplash.jpg" alt="Avocado">
<h2>Greeny foods</h2>
<img src="https://nutrition-assistant-application.s3.jp-tok.cloud-object-storage.appdomain.cloud/vitalii-pavlyshynets-kcRFW-Hje8Y-unsplash.jpg" alt="Greeny foods">
</body>
</html>
```

HTML Output for displaying images from IBM cloud storage:



Healthy Way Of Eating

Healthy Foods

Pepper egg

Vegetables

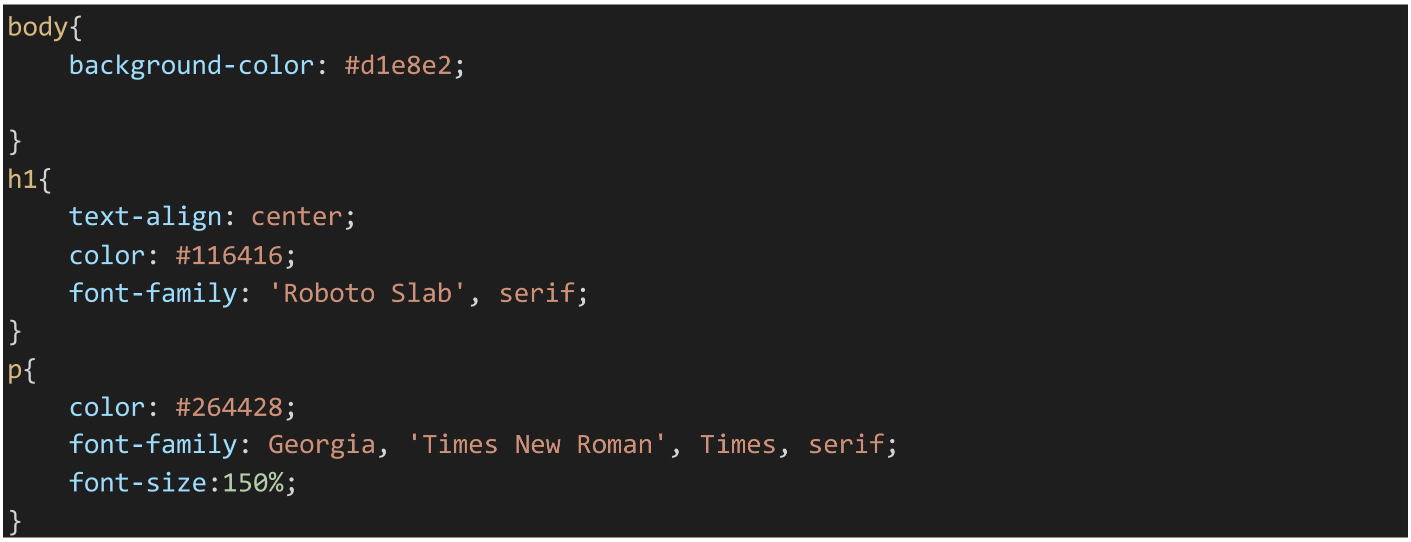
Avocado

Greeny foods

Question 3:

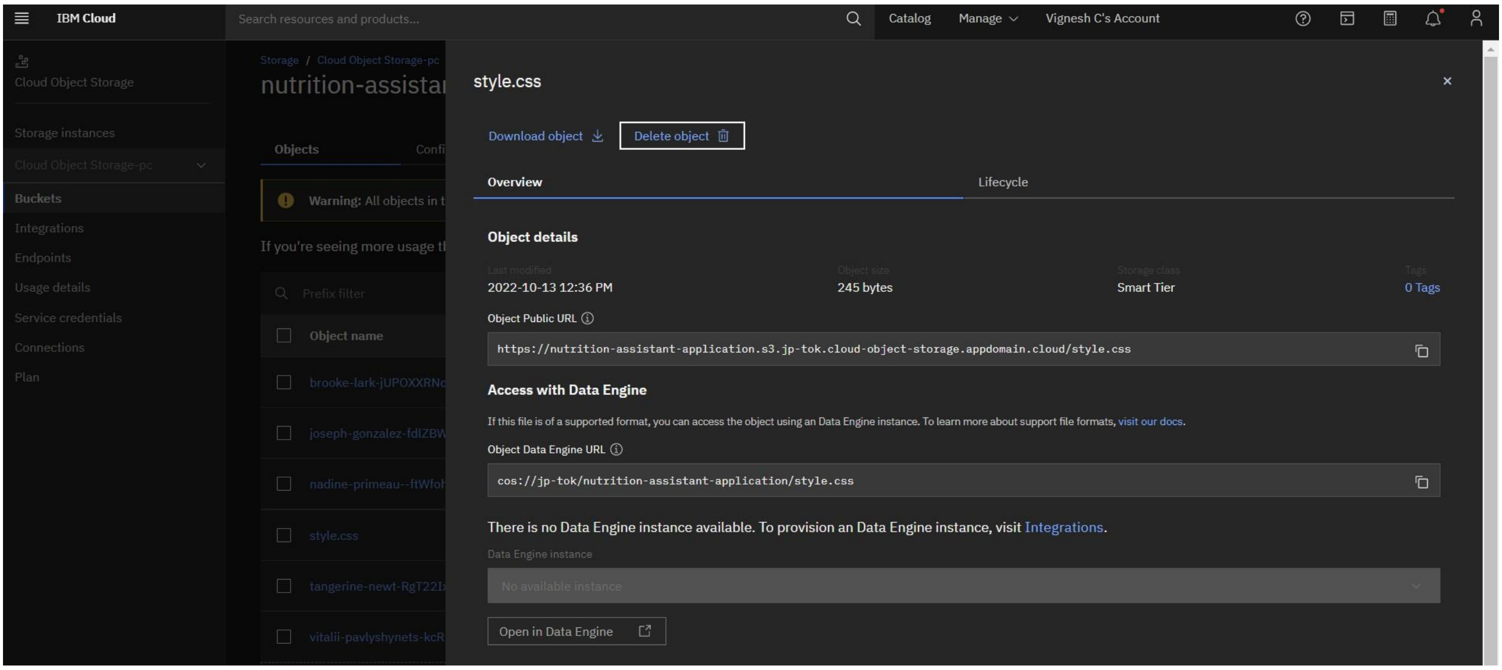
Upload a CSS page to the object storage and use the same page in your HTMLcode. HTML code with CSS file present in IBM cloud storage.

Style.css Code:



```css
body{
    background-color: #d1e8e2;

}
h1{
    text-align: center;
    color: #116416;
    font-family: 'Roboto Slab', serif;
}
p{
    color: #264428;
    font-family: Georgia, 'Times New Roman', Times, serif;
    font-size:150%;
}
```



style.css

Object details

Last modified: 2022-10-13 12:36 PM
Object size: 245 bytes
Storage class: Smart Tier
Tags: 0 Tags

Object Public URL

```
https://nutrition-assistant-application.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css
```

Access with Data Engine

If this file is of a supported format, you can access the object using an Data Engine instance. To learn more about support file formats, visit our docs.

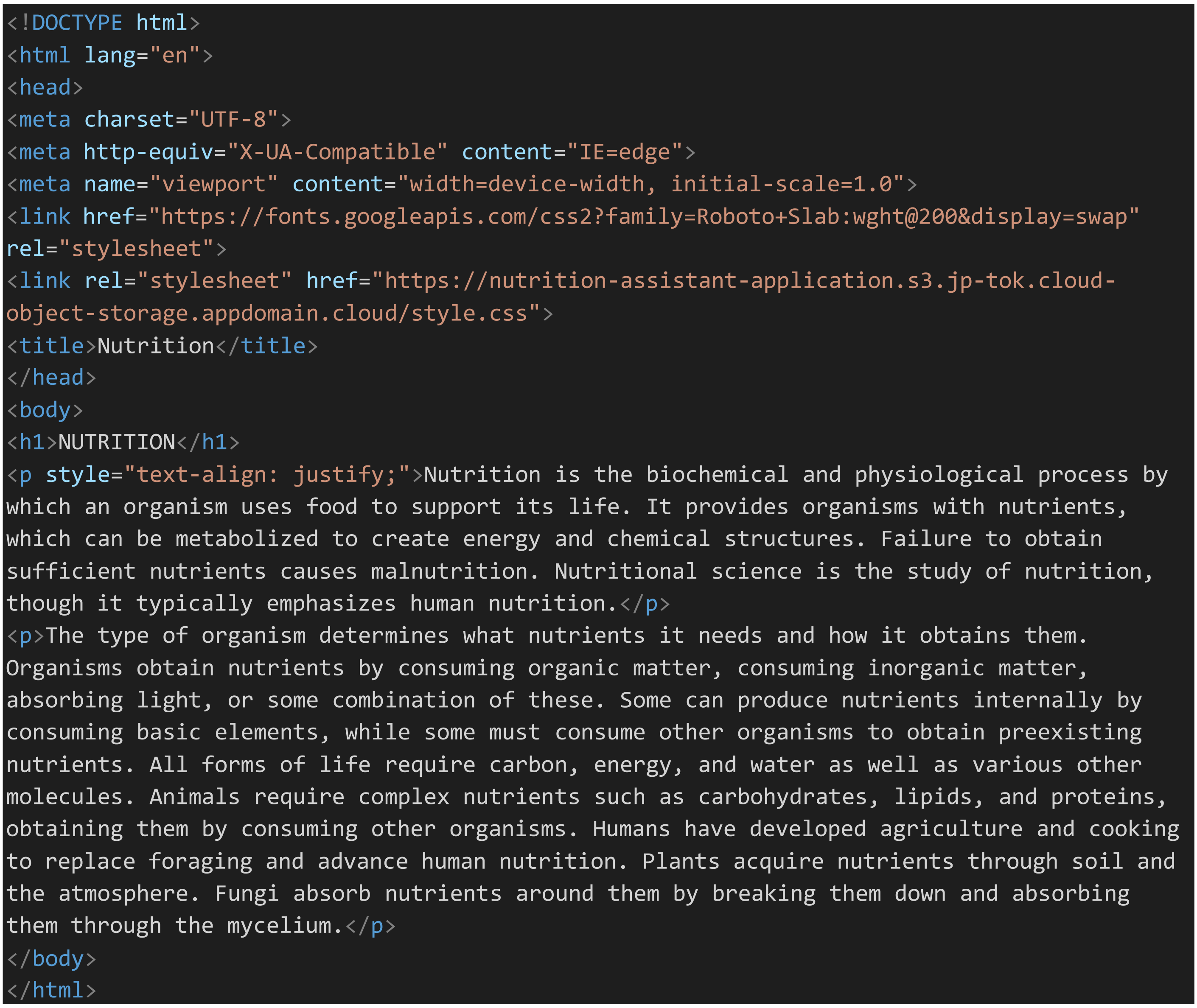
Object Data Engine URL

```
cos://jp-tok/nutrition-assistant-application/style.css
```

There is no Data Engine instance available. To provision an Data Engine instance, visit Integrations.

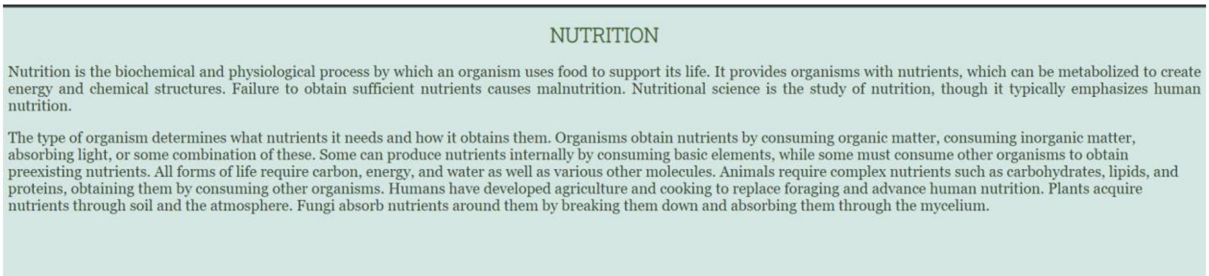
Data Engine instance: No available instance

HTML Code:



```
<!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">
<link href="https://fonts.googleapis.com/css2?family=Roboto+Slab:wght@200&display=swap"
rel="stylesheet">
<link rel="stylesheet" href="https://nutrition-assistant-application.s3.jp-tok.cloud-
object-storage.appdomain.cloud/style.css">
<title>Nutrition</title>
</head>
<body>
<h1>NUTRITION</h1>
<p style="text-align: justify;">Nutrition is the biochemical and physiological process by
which an organism uses food to support its life. It provides organisms with nutrients,
which can be metabolized to create energy and chemical structures. Failure to obtain
sufficient nutrients causes malnutrition. Nutritional science is the study of nutrition,
though it typically emphasizes human nutrition.</p>
<p>The type of organism determines what nutrients it needs and how it obtains them.
Organisms obtain nutrients by consuming organic matter, consuming inorganic matter,
absorbing light, or some combination of these. Some can produce nutrients internally by
consuming basic elements, while some must consume other organisms to obtain preexisting
nutrients. All forms of life require carbon, energy, and water as well as various other
molecules. Animals require complex nutrients such as carbohydrates, lipids, and proteins,
obtaining them by consuming other organisms. Humans have developed agriculture and cooking
to replace foraging and advance human nutrition. Plants acquire nutrients through soil and
the atmosphere. Fungi absorb nutrients around them by breaking them down and absorbing
them through the mycelium.</p>
</body>
</html>
```

HTML Code Output:



NUTRITION

Nutrition is the biochemical and physiological process by which an organism uses food to support its life. It provides organisms with nutrients, which can be metabolized to create energy and chemical structures. Failure to obtain sufficient nutrients causes malnutrition. Nutritional science is the study of nutrition, though it typically emphasizes human nutrition.

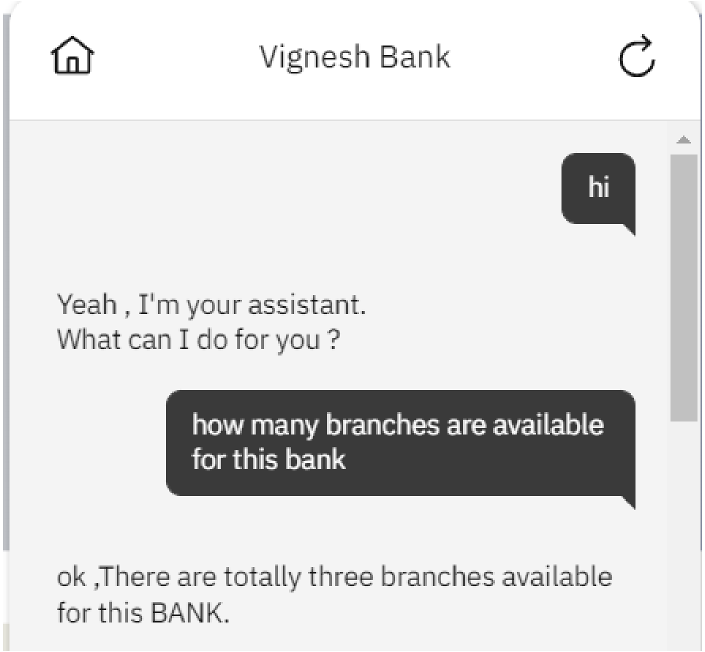
The type of organism determines what nutrients it needs and how it obtains them. Organisms obtain nutrients by consuming organic matter, consuming inorganic matter, absorbing light, or some combination of these. Some can produce nutrients internally by consuming basic elements, while some must consume other organisms to obtain preexisting nutrients. All forms of life require carbon, energy, and water as well as various other molecules. Animals require complex nutrients such as carbohydrates, lipids, and proteins, obtaining them by consuming other organisms. Humans have developed agriculture and cooking to replace foraging and advance human nutrition. Plants acquire nutrients through soil and the atmosphere. Fungi absorb nutrients around them by breaking them down and absorbing them through the mycelium.

Question 4:

Design a chatbot using IBM Watson assistant for hospitals. Ex: User comes with a query to know the branches for that hospital in your city. Submit the web URL of that chat bot as an assignment.

URL For Chat Bot:

https://webchat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fjp-tok.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-2e615163-a66d-42bb-848d-5eef2f159b38%3A%3A7a274e96-2b25-4267-804e-093c194d4b95&integrationID=1b1da90b-5d1c-4709-a04e-01f8e8eeea68&region=jp-tok&serviceInstanceID=2e615163-a66d-42bb-848d-5eef2f159b38

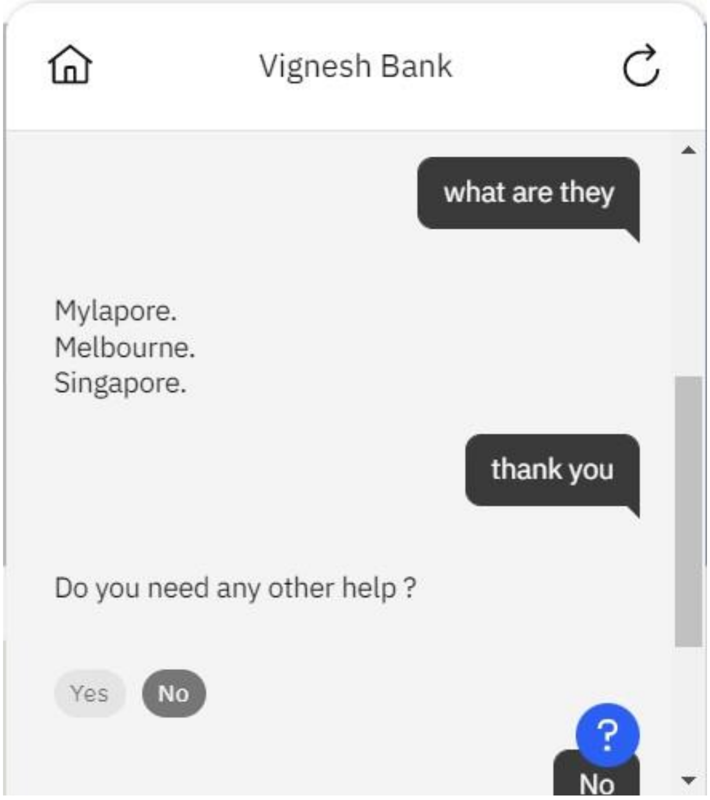

Vignesh Bank

hi

Yeah , I'm your assistant.
What can I do for you ?

how many branches are available for this bank

ok ,There are totally three branches available for this BANK.



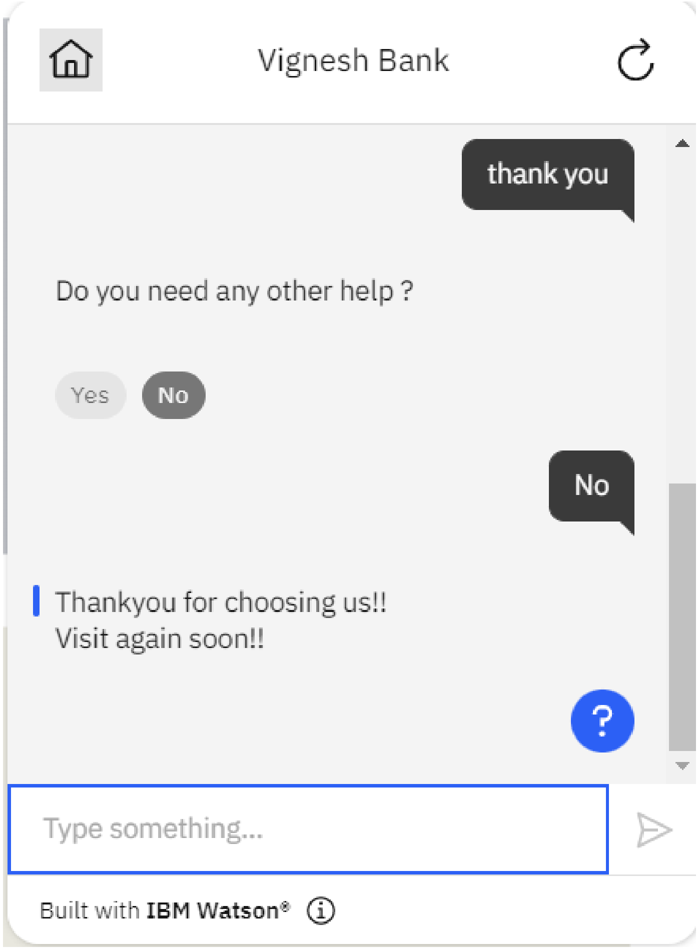
what are they

Mylapore.
Melbourne.
Singapore.

thank you

Do you need any other help ?

No



thank you

Do you need any other help ?

No

Thankyou for choosing us!!
Visit again soon!!

Question 5:

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

HTML CODE:

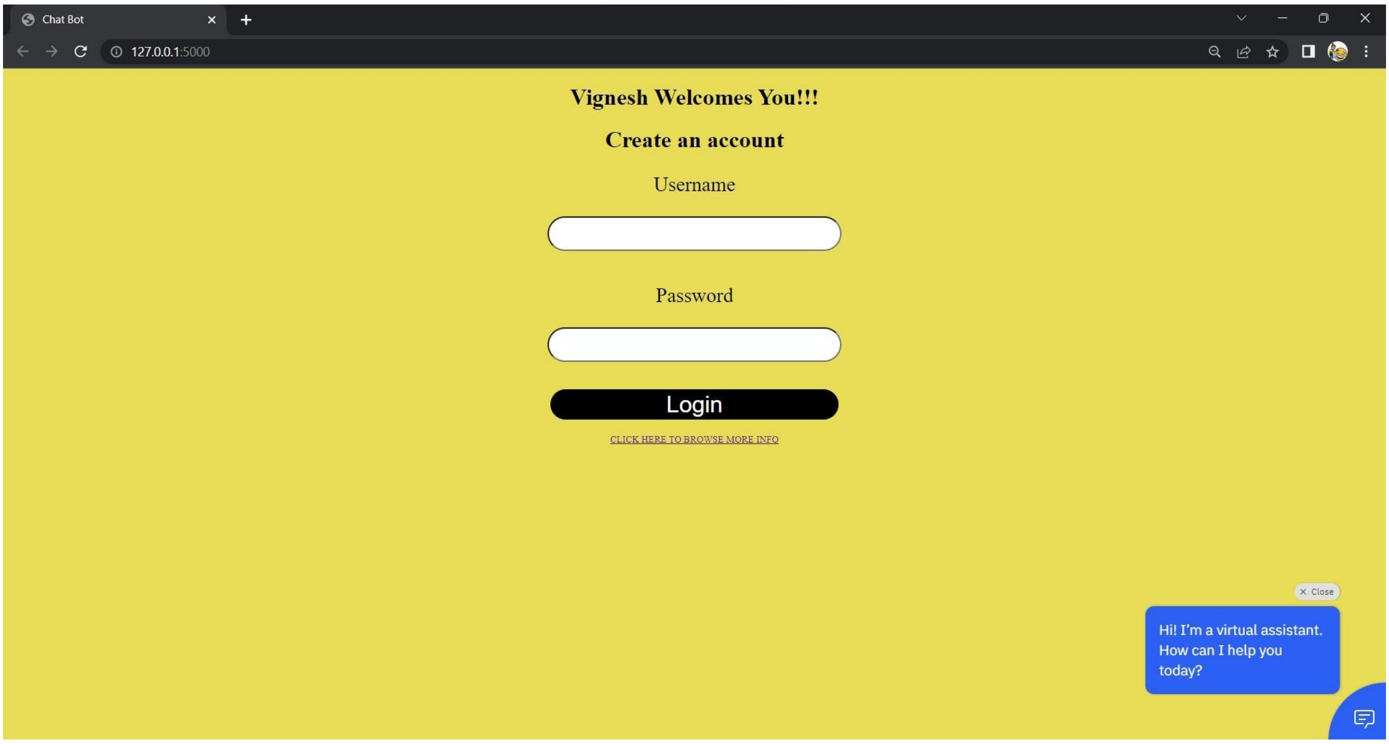
```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Chat Bot</title>
<style>
h1{
text-align: center;
color: black;
}
body{
background-color: rgb(236, 221, 50);
}
input[type="text"],input[type="password"]{
height: 42px;
width: 400px;
font-family: cursive;
border-radius: 25px;
}
input[type="submit"]{
height: 42px;
width: 400px;
color:white;
background-color: black;
font-size: xx-large ;
border-radius: 25px;
margin-top: 20px;
}
p{
color: black;
font-size: 28px;
}
form{
text-align: center;
}
small{
color: rgb(255, 238, 0);
}
img{
fill: auto;
}
</style>
</head>
<body>
```

```
<h1>Vignesh Welcomes You!!!</h1>
<h1>Create an account</h1>
<form>
<p>Username </p>
<input type="text" >
<br><br>
<p>Password </p>
<input type="password">
<br><br>
<input type="submit" value="Login" >
<br><br>
<small><a href="https://www.youtube.com/watch?v=E40UEoa19As">CLICK HERE TO BROWSE MORE
INFO</a></small>
</form>
<script>
    window.watsonAssistantChatOptions = {
      integrationID: "3b20a8ef-2639-475e-8ee1-e7c650416eea", // The ID of this
integration.
      region: "jp-tok", // The region your integration is hosted in.
      serviceInstanceID: "2e615163-a66d-42bb-848d-5eef2f159b38", // 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>
```

App.py Code:

```
from flask import Flask, render_template
app = Flask(__name__)
@app.route("/")
def home():
    return render_template("watsonassistant.html")
@app.route("/salvador")
def salvador():
    return "Hello, Salvador"
if__name__== "__main__":
    app.run(debug=True)
```

HTML CODE OUTPUT:



Vignesh Welcomes You!!!

Create an account

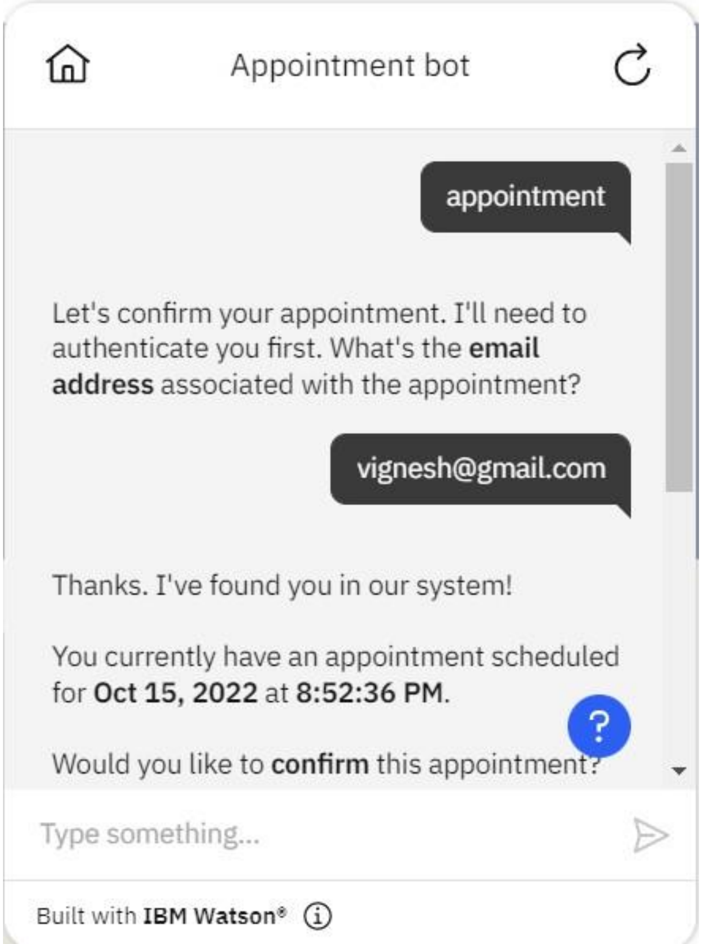
Username

Password

CLICK HERE TO BROWSE MORE INFO

Hi! I'm a virtual assistant. How can I help you today?

ASSISTANT OUTPUT:



appointment

Let's confirm your appointment. I'll need to authenticate you first. What's the **email address** associated with the appointment?

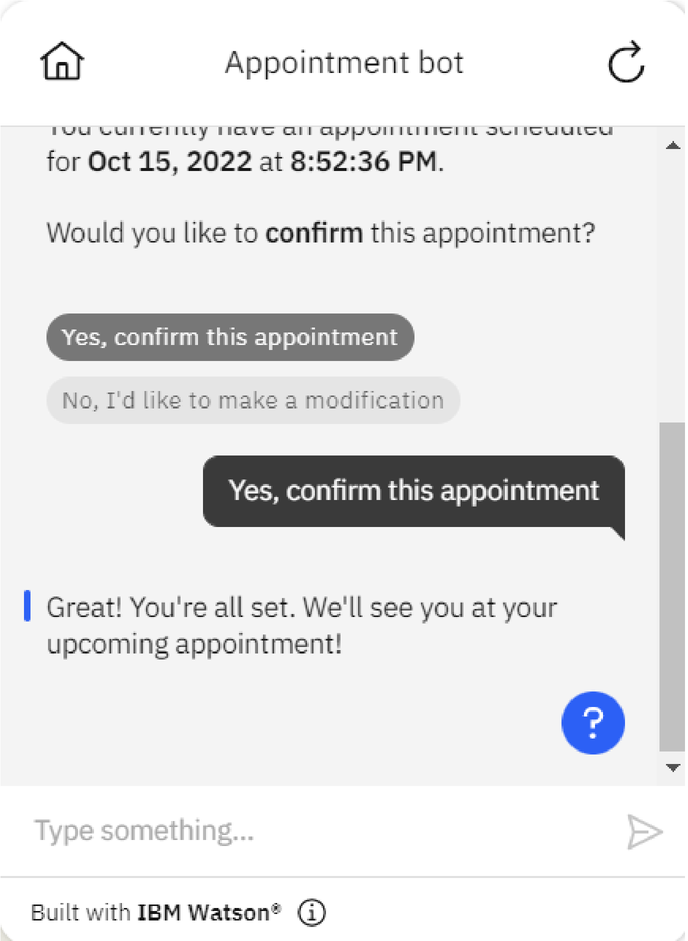
vignesh@gmail.com

Thanks. I've found you in our system!

You currently have an appointment scheduled for **Oct 15, 2022** at **8:52:36 PM**.

Would you like to **confirm** this appointment?

Type something...

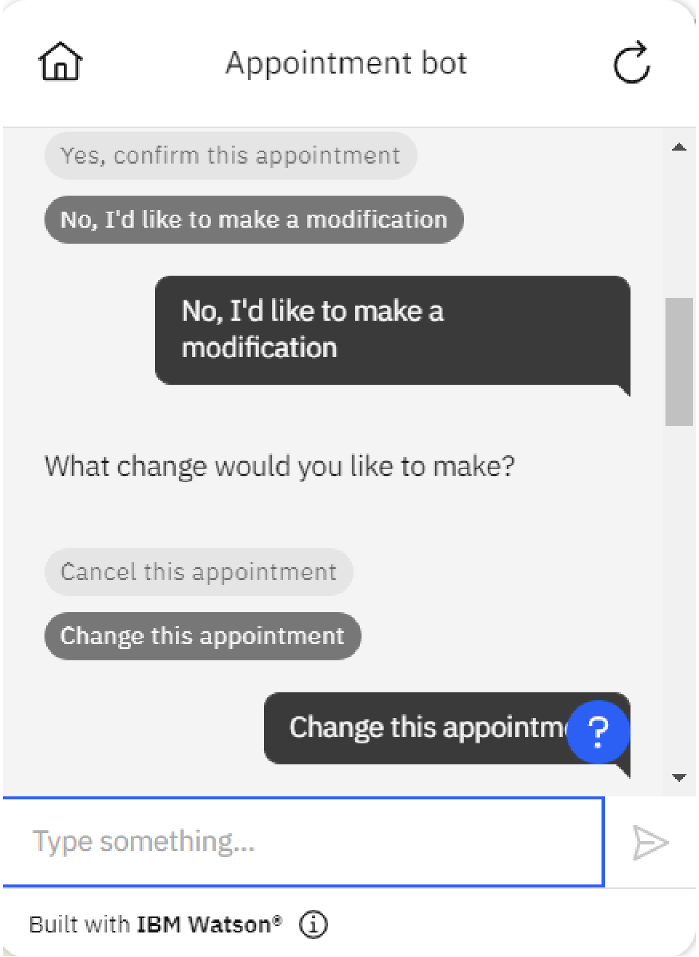

Appointment bot
Yes, confirm this appointment
No, I'd like to make a modification
Type something...
Built with **IBM Watson**®

You currently have an appointment scheduled for **Oct 15, 2022** at **8:52:36 PM**.

Would you like to **confirm** this appointment?

Yes, confirm this appointment

Great! You're all set. We'll see you at your upcoming appointment!



Yes, confirm this appointment

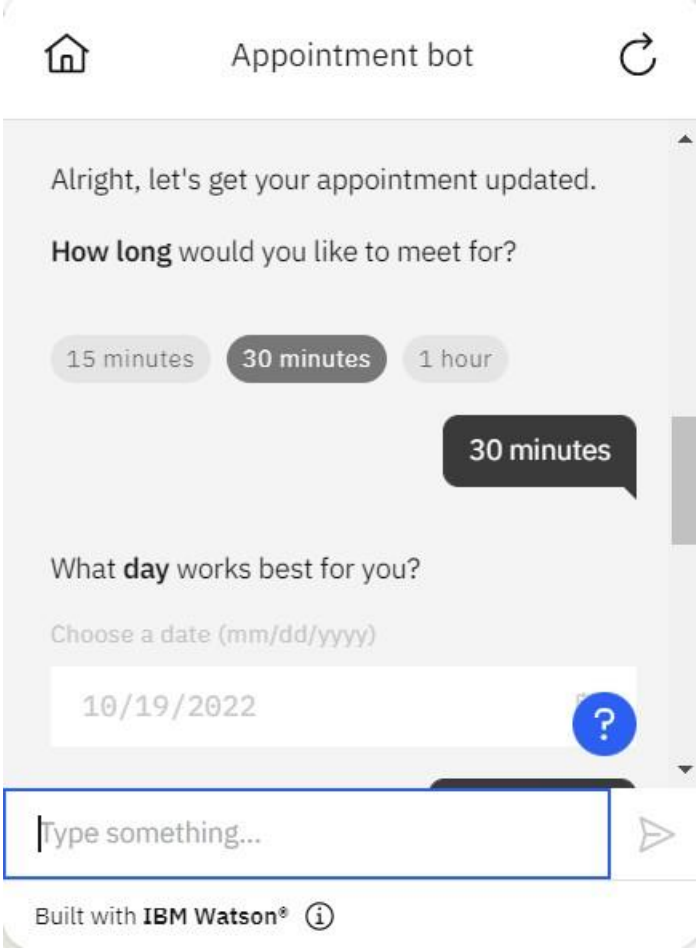
No, I'd like to make a modification

No, I'd like to make a modification

What change would you like to make?

Change this appointm

Built with **IBM Watson®**



Alright, let's get your appointment updated.

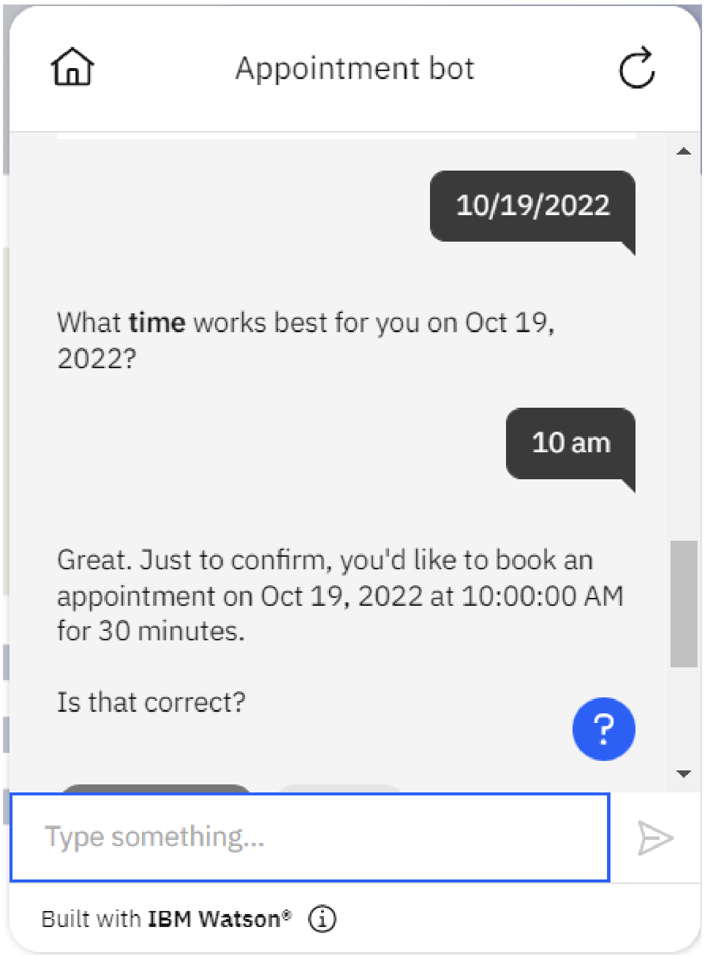
How long would you like to meet for?

30 minutes

What **day** works best for you?

Choose a date (mm/dd/yyyy)

10/19/2022



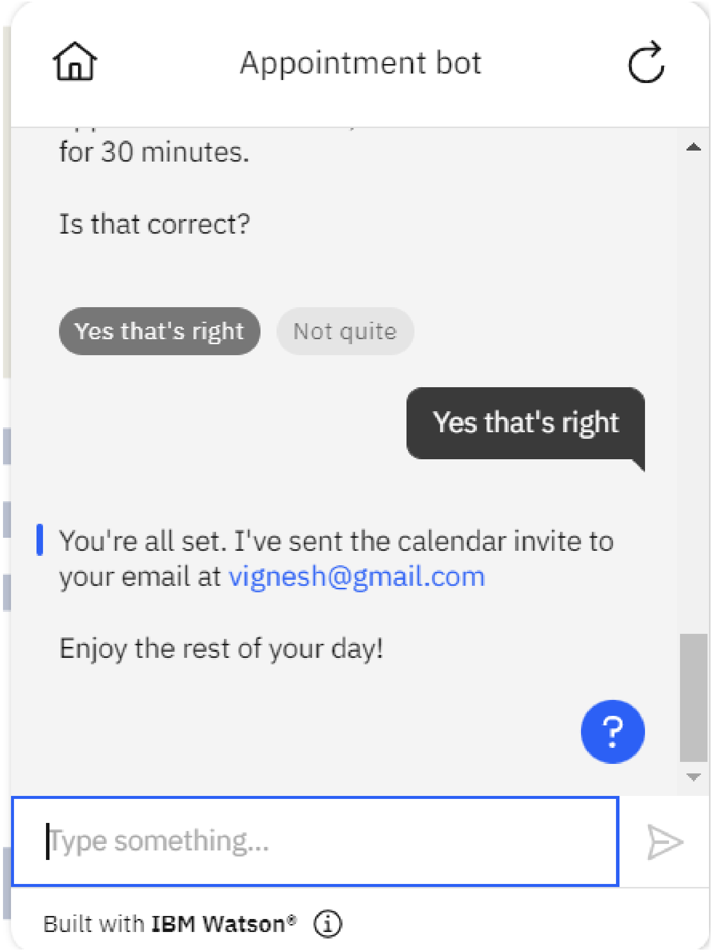
10/19/2022

What **time** works best for you on Oct 19, 2022?

10 am

Great. Just to confirm, you'd like to book an appointment on Oct 19, 2022 at 10:00:00 AM for 30 minutes.

Is that correct?



for 30 minutes.

Is that correct?

Yes that's right

You're all set. I've sent the calendar invite to your email at vignesh@gmail.com

Enjoy the rest of your day!