

ASSIGNMENT-3

NUTRITION ASSISTANT APPLICATION

Assignment Date	20.10.2022
Student Name	Abidha.R
Student Roll No	820319104001
Max Mark	

Question :

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.
3. Upload a CSS page to the object storage and use the same page in your HTML code.
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. Submit the web URL of that chat bot as a assignment.
5. Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page.

Create a Bucket in IBM object storage.

The screenshot shows the IBM Cloud console interface. The left sidebar contains navigation links for Cloud Object Storage, Storage instances, Cloud Object Storage-79, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area is titled 'Buckets' and includes a search bar and a 'Create bucket' button. Below this is a table listing the buckets. The table has the following data:

Name	Public access	Location	Storage class	Created
cloud-object-storage-79-cos-standard-7u8	Yes	jp-tok	Smart Tier	2022-10-31 8:29 PM

Upload an 5 images to IBM object storage

The screenshot shows the IBM Cloud Object Storage console. The left sidebar contains navigation links: Cloud Object Storage, Storage instances, Cloud Object Storage-79, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area is titled 'cloud-object-storage-79' and displays a warning: 'Warning: All objects in this bucket have public view access.' Below the warning, there is a table of objects with columns: Object name, Archived, Size, and Last modified. The table lists five objects, all named 'b...jpg', with sizes ranging from 35.8 KB to 196.1 KB and last modified dates of 2022-10-31 8:49 PM to 8:50 PM. An 'Upload' button is visible in the top right corner of the object list area. The bottom of the screen shows a Windows taskbar with various application icons and a system tray with the date 01-11-2022 and time 12:22.

Object name	Archived	Size	Last modified
b...jpg		61.2 KB	2022-10-31 8:49 PM
b...jpg		196.1 KB	2022-10-31 8:50 PM
b...jpg		103.1 KB	2022-10-31 8:50 PM
b...jpg		128.9 KB	2022-10-31 8:50 PM
b...jpg		35.8 KB	2022-10-31 8:50 PM

Make the images to public access:

The screenshot shows the IBM Cloud Object Storage console's 'Buckets' page. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Buckets' and includes a description: 'Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.' Below the description is a table of buckets with columns: Name, Public access, Location, Storage class, and Created. The table lists one bucket named 'cloud-object-storage-79-cos-standard-7u8' with public access set to 'Yes', location 'jp-tok', storage class 'Smart Tier', and created date '2022-10-31 8:29 PM'. A 'Create bucket' button is visible in the top right corner of the bucket list area. The bottom of the screen shows a Windows taskbar with various application icons and a system tray with the date 01-11-2022 and time 12:11.

Name	Public access	Location	Storage class	Created
cloud-object-storage-79-cos-standard-7u8	Yes	jp-tok	Smart Tier	2022-10-31 8:29 PM

The screenshot shows a web browser window with the address bar displaying 'File | C:/Users/MEENA/OneDrive/Desktop/19CS23/bucket.html'. The main content area displays a presentation slide with the following text:

Cloud Object Storage

PROJECT - Nutrition Assistant Application

NAME : ABIDHA R(820319104001)

Below the text, there are five images arranged horizontally:

- A poster titled 'CALORIE COUNTDOWN' showing a list of foods and their calorie counts.
- A poster titled 'Diet and Nutrition' featuring a smartphone displaying a fitness app and a bowl of fresh vegetables.
- A 'Nutrition Facts' label for a 'Big Mac' from McDonald's, showing nutritional information for 1 serving.
- A 'Diet Plan' worksheet with columns for 'Date', 'Food', 'Portion', and 'Calories'.
- A bowl of fruit (apple, banana, grapes) with a stethoscope resting on it, symbolizing health and nutrition.

CHATBOT URL :

<https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-c5d450f0-56a7-47e8-a09c-3789cc0d3d7d%3A%3A7f0d5e7b-5c42-4888-8efd-46cf887d4d32&integrationID=721aefc4-63a5-4236-8267-9d5adc908e0d®ion=au-syd&serviceInstanceID=c5d450f0-56a7-47e8-a09c-3789cc0d3d7d>

Create Watson assistant with 10 steps and use 3 conditions in it:

The screenshot shows the IBM Watson Assistant console interface. At the top, there's a navigation bar with "IBM Watson Assistant Lite", "Upgrade", and "Nutrition Assis...". Below this, a search bar contains the text "Can i track the calories of food?". The main workspace is divided into two panels. The left panel, titled "Conversation steps", shows a sequence of three steps: 1. "This step has no content" with a "Continue to next step" button; 2. "what is your name?" with a "Free text" input type and a "Continue to next step" button; 3. "What is your age?" with a "Number" input type and a "Continue to next step" button. The right panel, titled "Assistant says", shows a text area with the prompt "For example: What size do you want to order?". Below this, there's a "Define customer response" button. At the bottom of the right panel, there's a "Continue to next step" button and a "Preview" button. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time as 12:04 on 01-11-2022.

Load that Chatbot script in HTML page.

The screenshot displays a web page titled "Cloud Object Storage PROJECT - Nutrition Assistant Application". The page features a header with the project name and a user identifier "NAME : ABIDHA R(820319104001)". Below the header, there's a collage of images related to nutrition, including a "CALORIE counter" app, a "Diet and Nutrition" app, a "Nutrition Facts" label, and a "Diet Plan" sheet. On the right side of the page, there's a chatbot interface titled "Watson Assistant". The chatbot has a search bar with the text "Can i track the calories of food?". Below this, there are three questions: "what is your name?", "What is your age?", and "What is your Height?". The chatbot's responses are shown in a separate column: "Abidha" for the name, "20" for the age, and a question mark for the height. At the bottom of the chatbot interface, there's a text input field with the placeholder "Type something..." and a "Send" button. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time as 12:11 on 01-11-2022.