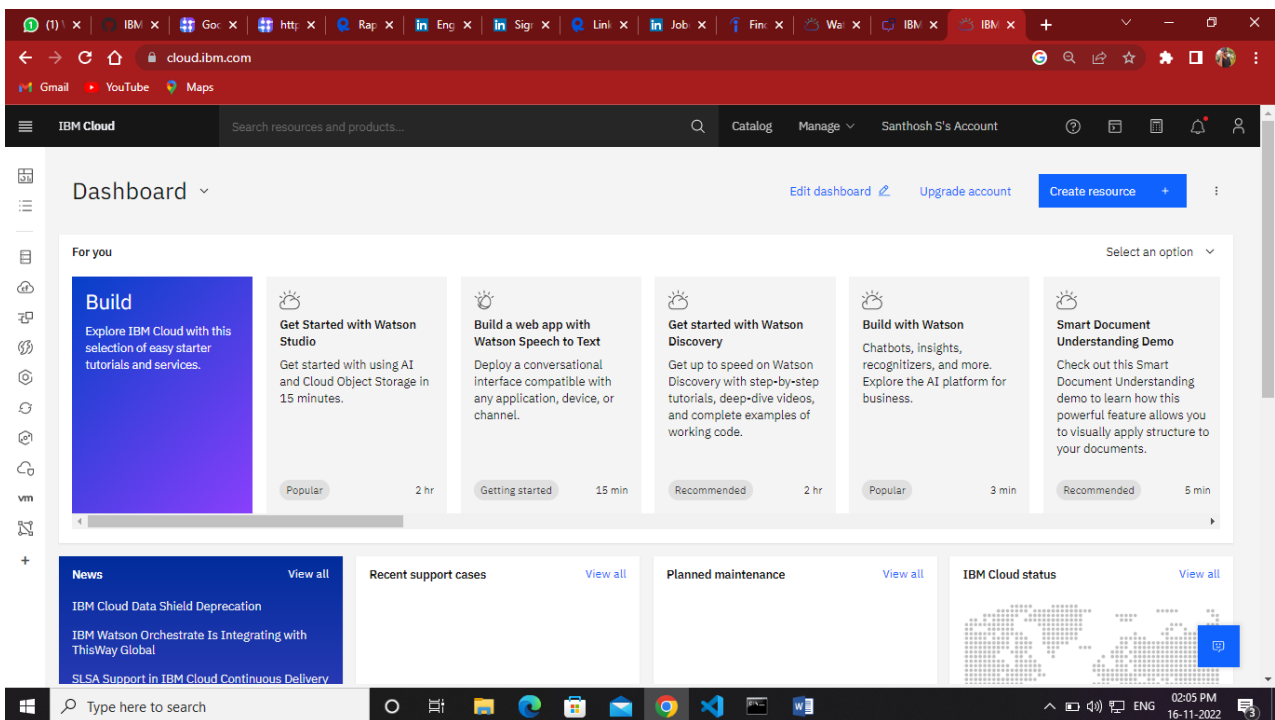


## DEVELOPING A CHATBOT

Date	16 November 2022
Team ID	PNT2022MID47055
Project Name	Skills/ Job Recommender Application

### Build the Chatbot

#### Step 1: Login to IBM Cloud



## Step 2: Search Watson Assistant

The screenshot shows the IBM Cloud Catalog page for Watson Assistant. The page is titled "Watson Assistant" and includes a description: "Watson Assistant lets you build conversational interfaces into any application, device, or channel." The "Create" tab is selected, and the "Select a location" dropdown is set to "Sydney (au-syd)". The "Select a pricing plan" section shows a table with the "Lite" plan selected, which is free. The table lists features such as "Up to 1,000 unique monthly active users (MAUs) chatting with your assistant" and "Up to 10,000 messages per month". A summary sidebar on the right shows the plan details: "Watson Assistant", "Location: Sydney", "Plan: Lite", "Service name: Watson Assistant-iw", and "Resource group: Default". A "Create" button is visible at the bottom of the sidebar.

Plan	Features	Pricing
Lite	Everything you need to get started, free for as long as you need it Up to 1,000 unique monthly active users (MAUs) chatting with your assistant Up to 10,000 messages per month --- Features --- - World-class conversational AI with Watson - Make your website assistant your own with Webchat - deploy Webchat in minutes, or use our fully extensible architecture - Bootstrap your assistant by using some of our prebuilt content	Free

## Step 3: Then Select the Launch Watson Assistant

The screenshot shows the IBM Cloud Watson Assistant management page. The page is titled "Watson Assistant-qk" and includes a "Launch Watson Assistant" button. The "Plan" section shows the "Lite" plan selected, with an "Upgrade" button. The "Credentials" section displays the API key and URL. The URL is: `https://api.us-east.assistant.watson.cloud.ibm.com/instances/2b9a90...`

Start by launching the tool

[Launch Watson Assistant](#) [Getting started tutorial](#) [API reference](#)

Credentials

API key: `.....`

URL: `https://api.us-east.assistant.watson.cloud.ibm.com/instances/2b9a90...`

## Step 4: Then Get Started

IBM Watson Assistant Trial | 30 days left | [Extend trial](#) | skill and job r... | [Learning center](#)

### Home

Welcome, you're in the new Watson Assistant!

We have some exciting changes in store for you [Take a tour](#)

#### Faster build

We've simplified everything about the build process making it up to 6 times faster to launch your assistant.

[Get started](#)

#### Easy to use

Now anyone can build a fully-functioning assistant without the usual heavy lift from a development team.

[View documentation](#)

#### New features

The new Watson Assistant is loaded with features that empower you to meet the complexity of customer needs.

[See what's new](#)

[Hide details](#)

**skill and job recommender bot** | English (US)

skill and job recommender

**Get started**

3 steps left 7 min

## Step5: Then create an action and then make some sample conversation.

IBM Watson Assistant Trial | 30 days left | [Extend trial](#) | skill and job r... | [Learning center](#)

### Actions

Actions sit at the core of the new Watson Assistant build process. Think of them as problems or tasks that your customers want your assistant to resolve for them. They include the complete interaction between a customer and your assistant for a specific question or request.

[Find out more](#) [Take a tour](#) [Build with our guide](#)

Name	Last edited	Examples Count	Status
Hi	a minute ago	1	Success

Items per page: 50 | Showing 1-1 of 1 actions | 1 of 1 pages

[New action](#)

[Preview](#)

## Step 6: Then End the Action

The screenshot shows the IBM Watson Assistant console interface. On the left, a sidebar titled 'Conversation steps' lists three steps: 1. 'Welcome, how can I assist you?' (Free text), 2. 'Enter your name' (Free text), and 3. 'Enter your email' (Free text). Step 1 is selected. The main area shows the configuration for Step 1, which is 'without conditions'. The 'Assistant says' section contains the text 'Welcome, how can I assist you?'. Below this, there are buttons for 'Edit response' and 'Edit validation'. The 'And then' section has a dropdown menu set to 'Continue to next step'. A 'Preview' button is visible in the bottom right corner.

## Step 7: Embed the code.

The screenshot shows the IBM Watson Assistant console interface, specifically the 'Web chat' section. The 'Embed' tab is selected, displaying a code block for embedding the chat on a website. The code is as follows:

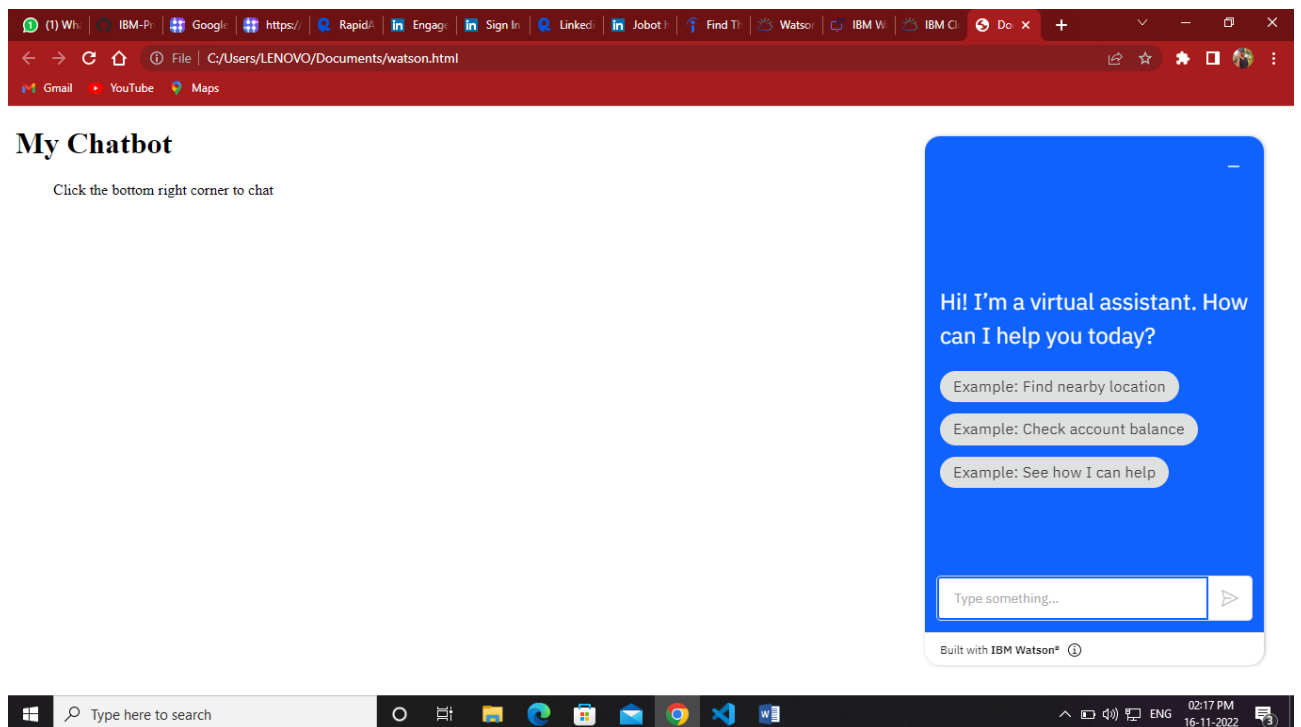
```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "06ee3fb3-8d33-4d42-ba52-c09b3ddecdd8", // The ID of this integration.
  region: "us-east", // The region your integration is hosted in.
  serviceInstanceID: "2b9a9211-94e6-470b-846d-a53d441e94ce", // The ID of your service instance.
  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.integrationID);
  document.head.appendChild(t);
});
</script>
```

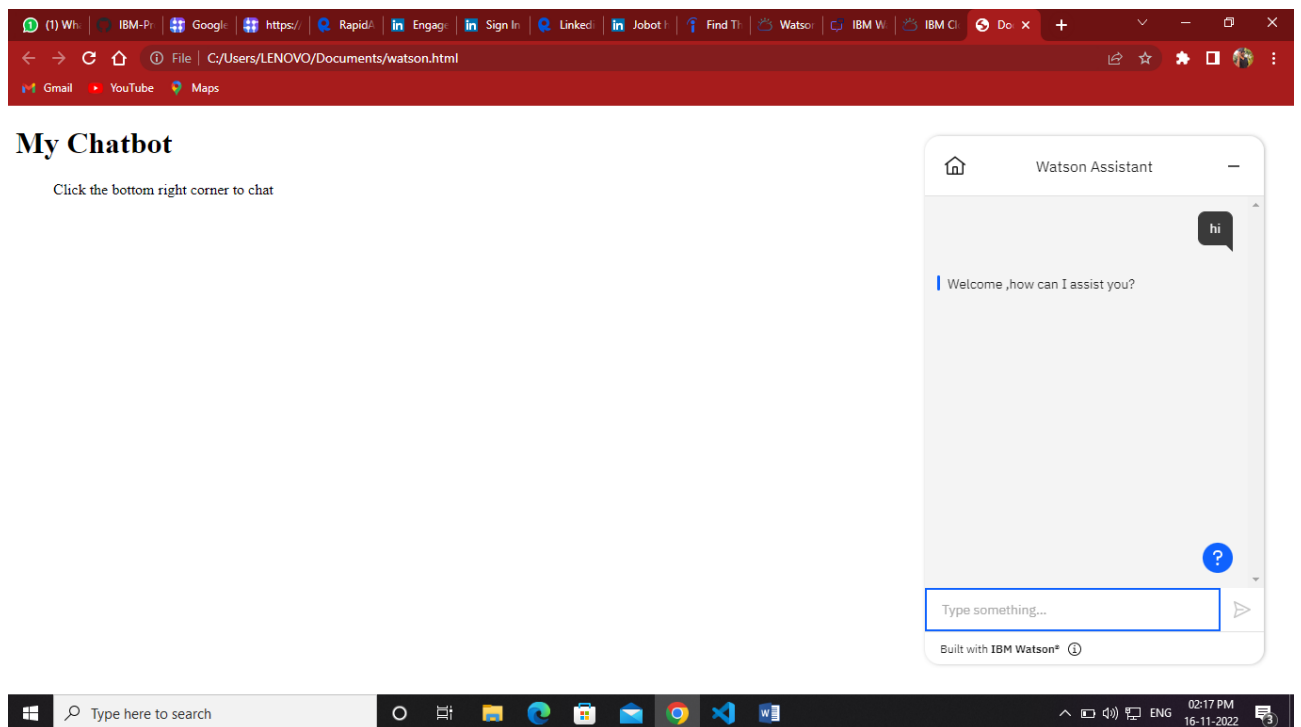
Below the code block, there is a 'Show more' link. The interface also includes a 'Close' button and a 'Save and exit' button.

## INTEGRATING CHATBOT TO HTML PAGE

```
<!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>
<body>
  <h1>My Chatbot</h1>
  <blockquote>Click the bottom right corner to chat</blockquote>
  <script>
    window.watsonAssistantChatOptions = {
      integrationID: "06ee3fb3-8d33-4d42-ba52-c09b3ddecdd8", // The ID of this
integration.
      region: "us-east", // The region your integration is hosted in.
      serviceInstanceID: "2b9a9211-94e6-470b-846d-a53d441e94ce", // 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>
```

## PREVIEW OF CHATBOT





The Chatbot is created and integrated successfully.