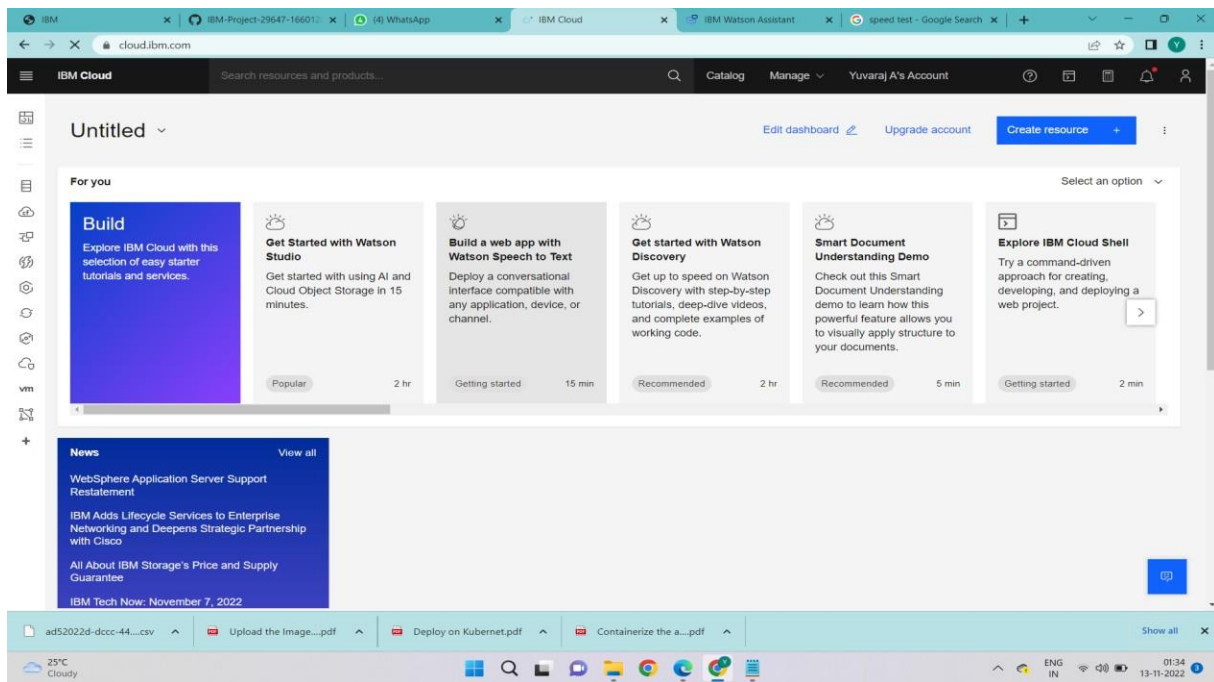


DEVELOPING A CHATBOT

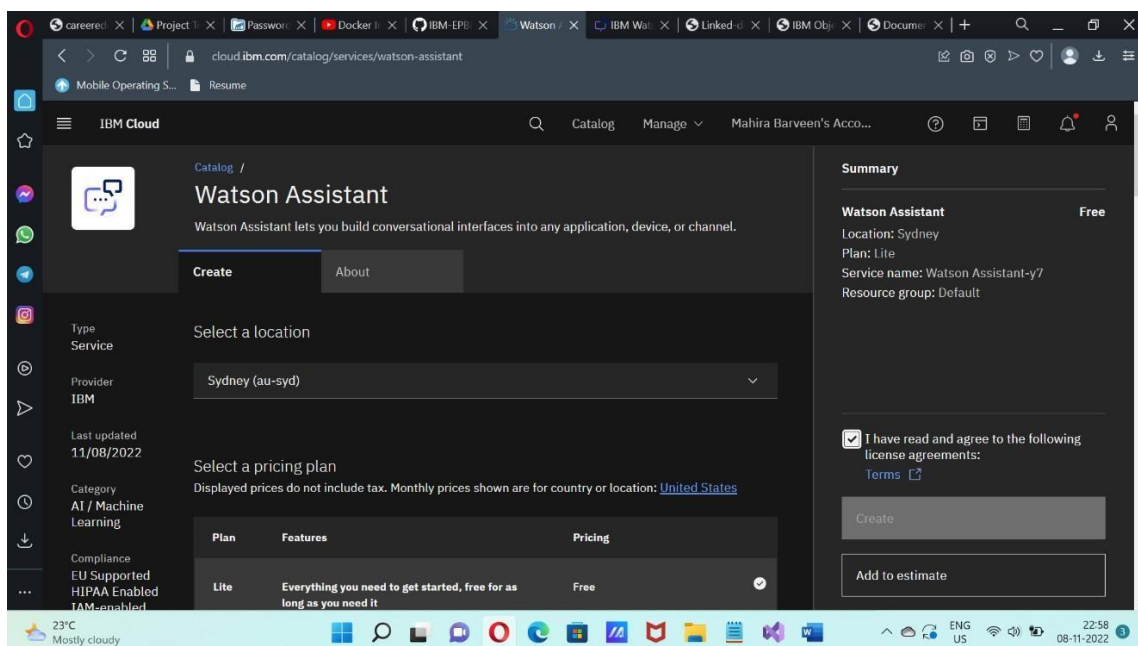
Date	14 November 2022
Team ID	PNT2022MID47064
Project Name	Skills and Job Recommender Application

Build the Chatbot

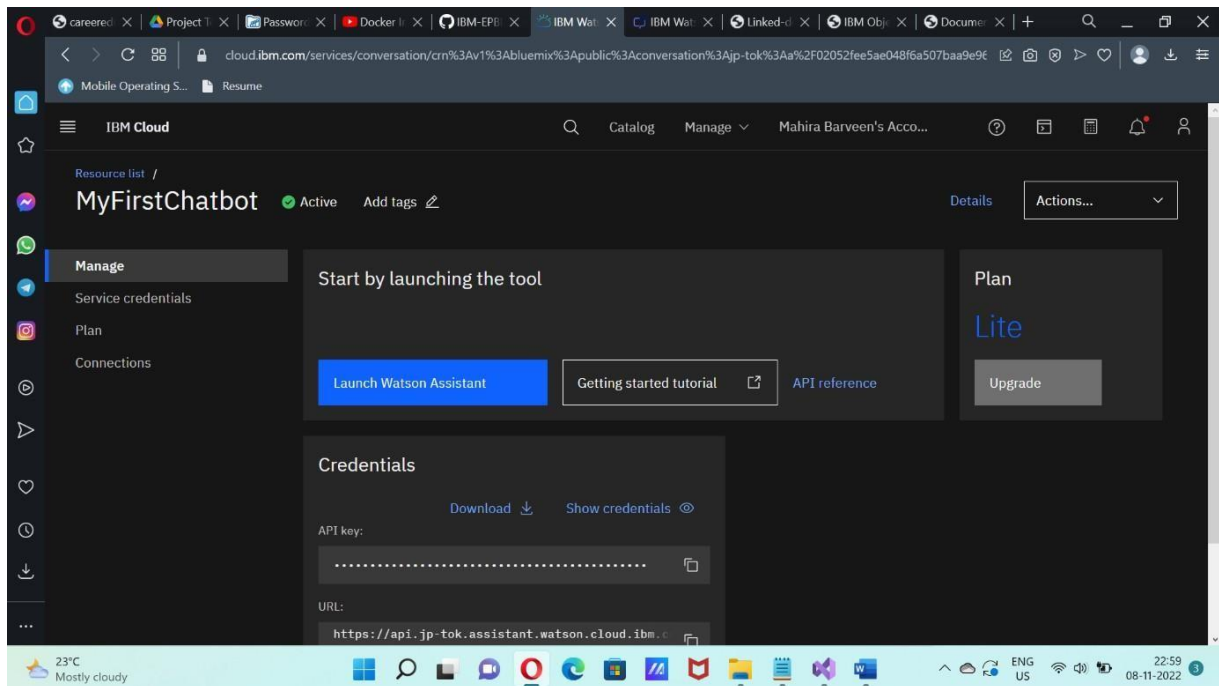
Step 1: Login to IBM Cloud



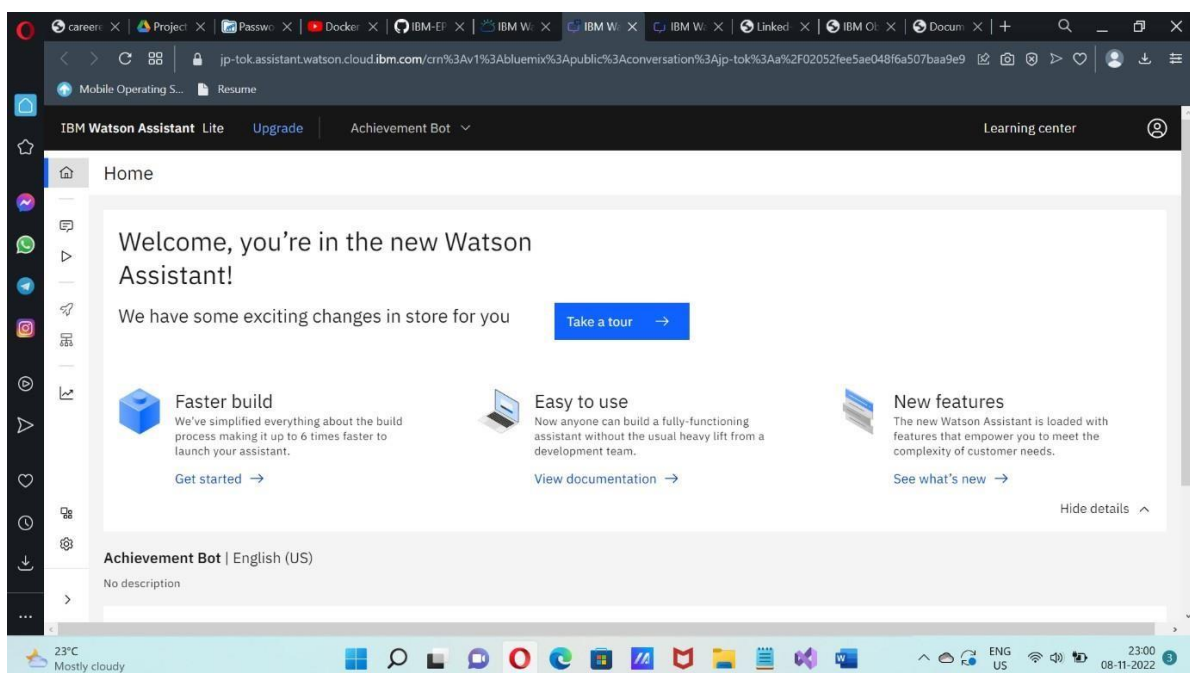
Step 2: Search Watson Assistant



Step 3: Then Select the Launch Watson Assistant



Step 4: Then Get Started



Step 5: Then create an action and then make some sample conversation.

The first screenshot shows the 'Actions' page in the IBM Watson Assistant interface. The left sidebar contains a navigation menu with 'Actions' selected. The main area displays a table of actions. A blue information box at the top explains that actions are core to the build process and include the complete interaction between a customer and the assistant.

Name	Last edited	Examples Count	Status
Hello	2 hours ago	1	✓

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

The second screenshot shows a sample conversation flow. The 'Customer starts with' section shows the input 'Hello'. The 'Conversation steps' section shows a sequence of steps: 1. 'Hello! How can I help you?' (Free text), 2. 'Are you Applying for Developer or Manager?' (Free text), and 3. 'Can you Tell me about your Skills?'. The 'Assistant says' section shows the response 'Hello! How can I help you?'. The 'And then' section shows the next step in the flow.

Step 6: Then End the Action.

The screenshot shows the IBM Watson Assistant console interface. On the left, a chat flow is visible with three steps: 5 (Send your Mobile Number), 6 (Send your resume to our official website), and 7 (Thank you we will call you later). Step 7 is highlighted with a green border and labeled 'Action complete'. On the right, the 'And then' section shows the 'End the action' step selected. A tooltip for 'End the action' is displayed, stating: 'Make this a final step that completes the action.' The console also shows a 'User enters free text' input field and a 'Continue to next step' button.

Step 7: Embed the code.

The screenshot shows the IBM Watson Assistant console interface, specifically the 'Embed' tab. The tab is labeled 'Web chat' and 'Draft'. Below the tab, there is a section titled '</> Embed on your website' with the text 'Ready to launch? It's as easy as copy and paste. [Learn more](#)'. A code block contains the following JavaScript code:

```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "233cca96-da63-43e2-834f-7c56853ab8b4", // The ID of this integration.
  region: "jp-tok", // The region your integration is hosted in.
  serviceInstanceID: "43752fcc-0020-4425-ae87-127497c2f400", // 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 ?
    document.head.appendChild(t);
  });
</script>
```

The code block is followed by a 'Show more' link. The console also shows 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>JOB RECOMMENDER APPLICATION</title>

</head>

<body>

  <h1>Job Offer</h1>

<h1>The Assistant helps you for finding job.</h1>

  <blockquote>Click the bottom right corner to
chat</blockquote>

  <script>

    window.watsonAssistantChatOptions = {

      integrationsID: "40a3fbcd-661a-4f34-8bee-2e11ddfdd8c7", //
The ID of this integration.

      region: "au-syd", // The region your integration is hosted
in.

      serviceInstanceID: "907752fc-fdbf-4ed1-96d9-a93b9edb2624",
// The ID of your service instance.

      onLoad: function(instance) { instance.render(); }

    };

    setTimeout(function(){

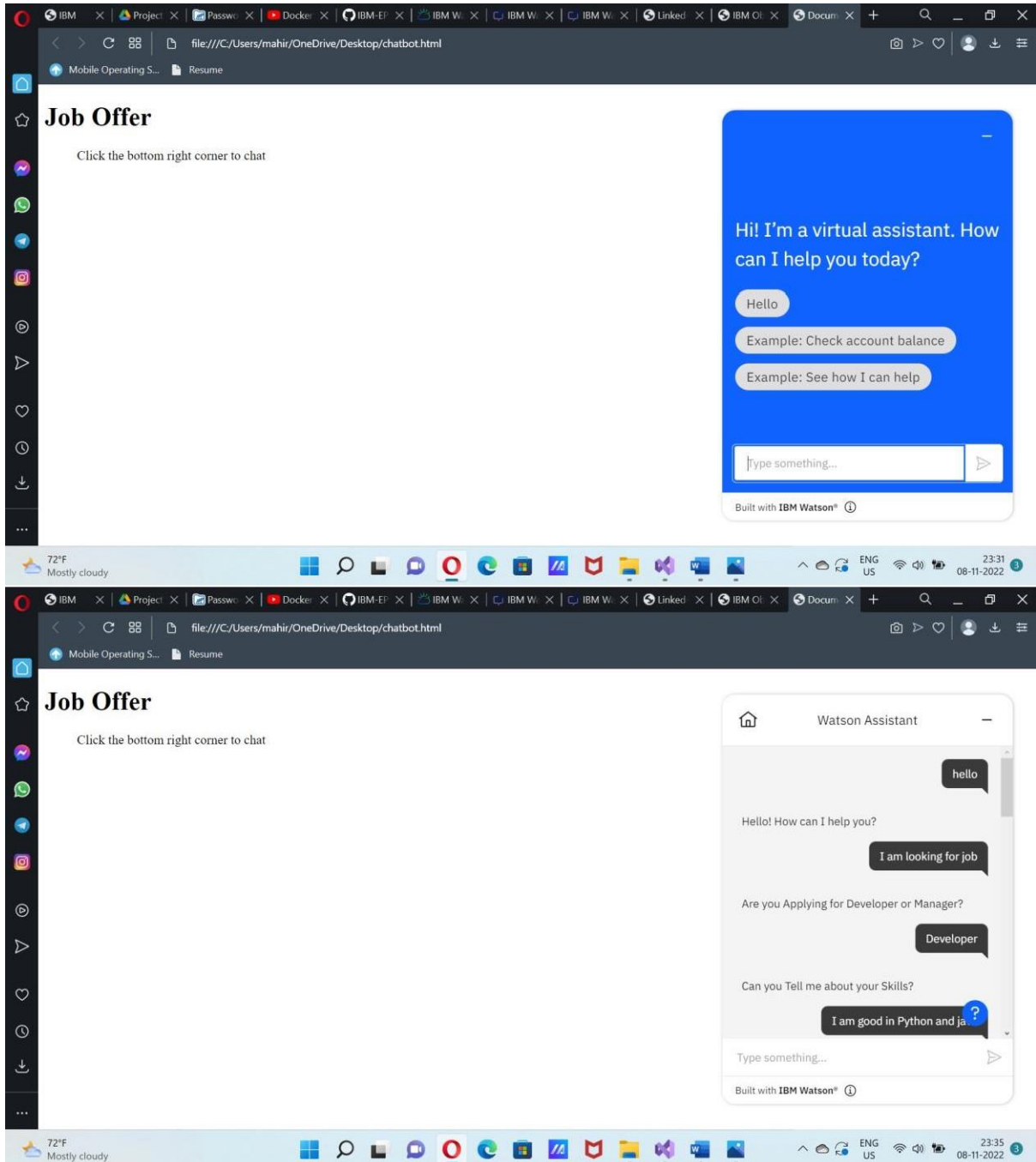
      const t=document.createElement("script");

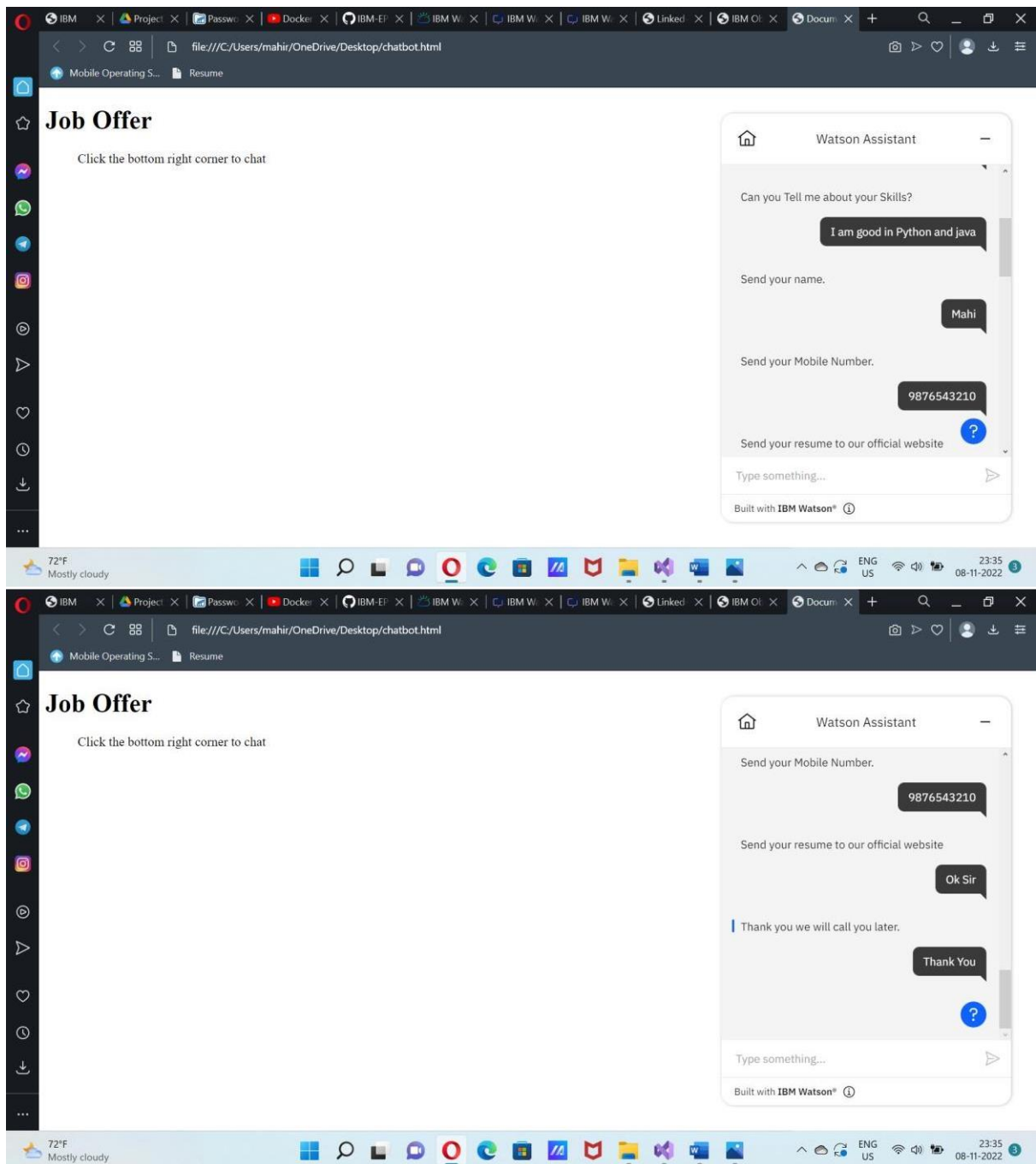
      t.src="https://web-
chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || "latest") +
"/WatsonAssistantChatEntry.js";

      document.head.appendChild(t);
```

```
});  
</script>  
</bOdy>  
</html>
```

PREVIEW OF CHATBOT





The Chatbot is created and integrated successfully.