Task 2: Chatbot for FAQs

This project is a simple **Chatbot for FAQs** built using **HTML, CSS, and JavaScript**. It integrates a **free chatbot API (AffiliatePlus)** to generate intelligent responses for user queries. The chatbot provides a clean user interface with chat bubbles for user and bot messages.

Source Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>FAQ Chatbot</title>
  <style>
    body { font-family: Arial, sans-serif; background: #f5f6fa; display: flex; justify-content: cent
    .chat-container { width: 400px; height: 500px; background: #fff; border-radius: 12px; box-shadow
    .chat-box { flex: 1; padding: 15px; overflow-y: auto; border-bottom: 1px solid #ddd; }
    .chat-message { margin: 8px 0; padding: 10px; border-radius: 8px; max-width: 75%; }
    .user-msg { background: #3498db; color: white; align-self: flex-end; }
    .bot-msg { background: #ecf0f1; color: #333; align-self: flex-start; }
    .input-area { display: flex; padding: 10px; }
    input { flex: 1; padding: 10px; border: 1px solid #ccc; border-radius: 8px; outline: none; }
    button { margin-left: 8px; padding: 10px 15px; border: none; border-radius: 8px; background: #27a
    button:hover { background: #1e8449; }
  </style>
</head>
<body>
  <div class="chat-container">
    <div class="chat-box" id="chatBox"></div>
    <div class="input-area">
      <input type="text" id="userInput" placeholder="Ask a question..." />
      <button onclick="sendMessage()">Send</button>
    </div>
  </div>

  <script>
    async function sendMessage() {
      const input = document.getElementById("userInput");
      const userText = input.value.trim();
      if (!userText) return;

      addMessage(userText, "user-msg");
      input.value = "";

      try {
        const response = await fetch(`https://api.affiliateplus.xyz/api/chatbot?message=${encodeURICo
        const data = await response.json();
        const botReply = data.message;
        addMessage(botReply, "bot-msg");
      } catch (err) {
        addMessage("Sorry, I couldn't connect to the chatbot API.", "bot-msg");
      }
    }

    function addMessage(text, className) {
      const chatBox = document.getElementById("chatBox");
      const msg = document.createElement("div");
      msg.className = "chat-message " + className;
      msg.innerText = text;
      chatBox.appendChild(msg);
      chatBox.scrollTop = chatBox.scrollHeight;
    }
  </script>
</body>
</html>
```

Output Example:

User: Hi, who are you?
Bot: I am FAQBot, here to answer your questions.

User: How can I reset my password?
Bot: You can reset your password in the account settings page.