

Task 1: Language Translation Tool

This project is a simple **Language Translation Tool** built using **HTML, CSS, and JavaScript**. It uses the free **MyMemory Translation API** to translate text from a source language to a target language. It also includes a copy-to-clipboard feature for convenience.

Source Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Language Translation Tool</title>
  <style>
    body { font-family: Arial, sans-serif; background: #f5f6fa; display: flex; justify-content: center; align-items: center; min-height: 100vh; }
    .container { background: #fff; padding: 20px; border-radius: 12px; box-shadow: 0px 4px 12px rgba(0, 0, 0, 0.1); width: 100%; max-width: 400px; }
    h2 { text-align: center; color: #333; }
    textarea { width: 100%; height: 100px; padding: 10px; margin-bottom: 10px; border-radius: 8px; border: 1px solid #ccc; }
    select, button { width: 48%; padding: 10px; margin: 5px 1%; border: none; border-radius: 8px; background-color: #f5f6fa; }
    button:hover { background-color: #2980b9; color: white; }
    .output { margin-top: 15px; padding: 10px; border-radius: 8px; border: 1px solid #ccc; background-color: #fff; }
    .copy-btn { background: #27ae60; color: white; padding: 5px 10px; border-radius: 8px; }
    .copy-btn:hover { background: #1e8449; }
  </style>
</head>
<body>

  <h2> Language Translator</h2>
  <textarea id="inputText" placeholder="Enter text here" />
  <div>
    <select id="sourceLang">
      <option value="en">English</option>
      <option value="hi">Hindi</option>
      <option value="fr">French</option>
      <option value="es">Spanish</option>
    </select>
    <select id="targetLang">
      <option value="hi">Hindi</option>
      <option value="en">English</option>
      <option value="fr">French</option>
      <option value="es">Spanish</option>
    </select>
  </div>
  <button onclick="translateText()">Translate</button>
  <button class="copy-btn" onclick="copyText()">Copy</button>
  <div class="output" id="outputText">Translated text will appear here...</div>
</div>
<script>
  async function translateText() {
    let text = document.getElementById("inputText").value;
    let sourceLang = document.getElementById("sourceLang").value;
    let targetLang = document.getElementById("targetLang").value;
    if (!text) { alert("Please enter some text!"); return; }
    let url = `https://api.mymemory.translated.net/get?q=${encodeURIComponent(text)}&langpair=${sourceLang}-${targetLang}`;
    try {
      let response = await fetch(url);
      let data = await response.json();
      document.getElementById("outputText").innerText = data.responseData.translatedText;
    } catch (error) {
      document.getElementById("outputText").innerText = "Error in translation!";
    }
  }

  function copyText() {
    let output = document.getElementById("outputText").innerText;
    navigator.clipboard.writeText(output);
    alert("Copied to clipboard!");
  }
</script>
</body>
</html>
```

Output Example:

1. Enter text: **Hello, how are you?**
2. Select English → Hindi
3. Click **Translate**
4. Result: हेल् लो कै से है आप ?