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<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0"/>
  <meta name="description" content="Online Image Compressor - Compress and optimize your
images instantly with custom quality settings." />
  <meta name="keywords" content="Image compressor, image optimization, reduce image
size, compress images online"/>
  <meta name="author" content="YourName" />
  <title>Online Image Compressor Tool</title>

  <!-- Tailwind CSS CDN -->
  <script src="https://cdn.tailwindcss.com"></script>

  <!-- Google AdSense -->
  <script async
src="https://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js?client=YOUR_ADSENSE_
CLIENT_ID"
crossorigin="anonymous"></script>
</head>
<body class="bg-gray-100 text-gray-800 font-sans">
  <header class="bg-white shadow-md py-4 px-6 text-center text-xl font-semibold">
    Online Image Compressor
  </header>

  <!-- Advertisement Space -->
  <div class="w-full flex justify-center my-4">
    <ins class="adsbygoogle"
      style="display:block"
      data-ad-client="YOUR_ADSENSE_CLIENT_ID"
      data-ad-slot="YOUR_SLOT_ID"
      data-ad-format="auto"
      data-full-width-responsive="true"></ins>
    <script>(adsbygoogle = window.adsbygoogle || []).push({});</script>
  </div>

  <main class="max-w-2xl mx-auto bg-white p-6 shadow-md rounded-lg mt-6">
    <h2 class="text-2xl font-bold mb-4">Compress Your Image</h2>

    <input type="file" id="imageInput" accept="image/*" class="mb-4 block w-full border
p-2"/>

    <label class="block mb-2">Compression Level (Quality %)</label>
    <input type="range" id="qualityInput" min="10" max="100" value="80" class="w-full
mb-4">
    <span id="qualityValue">80%</span>

    <button onclick="compressImage()" class="bg-blue-600 hover:bg-blue-700 text-white
px-4 py-2 rounded w-full mb-6">
      Compress Image
    </button>

    <div id="outputSection" class="hidden">
      <h3 class="text-lg font-semibold mb-2">Optimized Image</h3>

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        <img id="compressedImage" class="w-full max-h-96 object-contain border mb-4" />
        <a id="downloadLink" download="compressed-image.jpg" class="bg-green-600
hover:bg-green-700 text-white px-4 py-2 rounded block text-center">
            Download Compressed Image
        </a>
    </div>
</main>

<!-- Advertisement Space Bottom -->
<div class="w-full flex justify-center my-8">
    <ins class="adsbygoogle"
        style="display:block"
        data-ad-client="YOUR_ADSENSE_CLIENT_ID"
        data-ad-slot="YOUR_SLOT_ID"
        data-ad-format="auto"
        data-full-width-responsive="true"></ins>
    <script>(adsbygoogle = window.adsbygoogle || []).push({});</script>
</div>

<footer class="text-center text-sm text-gray-600 py-4">
    &copy; 2025 Online Image Compressor | All rights reserved.
</footer>

<script>
    const qualityInput = document.getElementById('qualityInput');
    const qualityValue = document.getElementById('qualityValue');

    qualityInput.addEventListener('input', () => {
        qualityValue.textContent = qualityInput.value + '%';
    });

    function compressImage() {
        const fileInput = document.getElementById('imageInput');
        const file = fileInput.files[0];
        if (!file) {
            alert("Please select an image first.");
            return;
        }

        const reader = new FileReader();
        reader.readAsDataURL(file);
        reader.onload = function (event) {
            const img = new Image();
            img.src = event.target.result;

            img.onload = function () {
                const canvas = document.createElement('canvas');
                canvas.width = img.width;
                canvas.height = img.height;

                const ctx = canvas.getContext('2d');
                ctx.drawImage(img, 0, 0);

                const quality = qualityInput.value / 100;
                const compressedDataURL = canvas.toDataURL('image/jpeg', quality);

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const compressedImg = document.getElementById('compressedImage');
compressedImg.src = compressedDataURL;

const downloadLink = document.getElementById('downloadLink');
downloadLink.href = compressedDataURL;

document.getElementById('outputSection').classList.remove('hidden');
};
};
}
</script>
</body>
</html>
```