6177assign3 - Web Programming Assignment

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Filename: 6177assign3.html

# Source Code (text only)

<!DOCTYPE html>  
<html>  
<head>  
 <title>6177assign3 - Karanjot Singh</title>  
 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>  
 <style>  
 body {  
 font-family: Arial, sans-serif;  
 background-color: #f4f4f4;  
 }  
 .container {  
 width: 500px;  
 margin: auto;  
 border: 2px solid black;  
 padding: 10px;  
 background-color: white;  
 }  
 .area {  
 border: 1px solid black;  
 padding: 10px;  
 margin-bottom: 10px;  
 }  
 input[type="text"] {  
 width: 60px;  
 text-align: center;  
 }  
 button {  
 margin: 5px;  
 padding: 5px 10px;  
 }  
 #area3 {  
 position: relative;  
 height: 200px;  
 background-image: url('https://i.ibb.co/tpwFZMqy/IMG-2397.jpg');  
 background-size: cover;  
 overflow: hidden;  
 }  
 #myPhoto {  
 position: absolute;  
 top: 50px;  
 width: 100px;  
 height: 100px;  
 }  
 .align-right {  
 float: right;  
 }  
 </style>  
</head>  
<body>  
  
<div class="container">  
 <!-- Area 1 -->  
 <div class="area" id="area1">  
 <label><b>Result</b></label>  
 <input type="text" id="resultBox" readonly><br><br>  
 <label><b>Starting Number</b></label>  
 <input type="text" id="startNum" value="50">  
 <label><b>Step Increment</b></label>  
 <input type="text" id="stepNum" value="1"><br><br>  
 <input type="radio" name="direction" id="increase" checked> Up  
 <input type="radio" name="direction" id="decrease"> Down  
 </div>  
  
 <!-- Area 2 -->  
 <div class="area" id="area2">  
 <b>A brief description about your home town / city.</b>  
 <div id="hometownText">  
 <p style="font-size: 18px; color: darkred; font-family: Arial;">  
 My hometown is Sanghera, located in Barnala district, Punjab, India.  
 </p>  
 <p style="font-size: 16px; color: seagreen; font-family: 'Times New Roman';">  
 I have lived there since my birth and have many childhood memories from it.  
 </p>  
 <p style="font-size: 14px; color: navy; font-family: Verdana;">  
 It is a peaceful village and I love everything about it — the fields, the culture, and the people.  
 </p>  
 </div>  
 <button id="speak">Speak</button>  
 <button id="show">Show</button>  
 <button id="hide">Hide</button><br><br>  
 <audio id="hometownAudio" controls>  
 <source src="hometown\_karanjot.mp3" type="audio/mpeg">  
 Your browser does not support the audio element.  
 </audio>  
 </div>  
  
 <!-- Area 3 -->  
 <div class="area" id="area3">  
 <button id="run">RUN</button>  
 <button id="stop" class="align-right">STOP</button>  
 <img src="https://i.ibb.co/yc3d3C4z/IMG-0187.jpg" id="myPhoto" alt="My Photo">  
 </div>  
</div>  
  
<script>  
let count = 50;  
let step = 1;  
let intervalId;  
let photoInterval;  
  
function updateCount() {  
 step = parseInt($("#stepNum").val()) || 1;  
 if ($("#increase").is(":checked")) {  
 count += step;  
 } else {  
 count -= step;  
 }  
 $("#resultBox").val(count);  
}  
  
intervalId = setInterval(updateCount, 500);  
  
$("#speak").click(function() {  
 $("#hometownAudio")[0].play();  
});  
$("#hide").click(function() {  
 $("#hometownText").hide();  
});  
$("#show").click(function() {  
 $("#hometownText").show();  
});  
  
$("#run").click(function() {  
 let speed = Math.random() \* 5 + 1;  
 let pos = 0;  
 let photo = $("#myPhoto");  
 let areaWidth = $("#area3").width();  
  
 if (photoInterval) clearInterval(photoInterval);  
  
 photoInterval = setInterval(function() {  
 pos += speed;  
 if (pos > areaWidth) pos = -100;  
 photo.css("left", pos + "px");  
 }, 30);  
});  
  
$("#stop").click(function() {  
 if (photoInterval) clearInterval(photoInterval);  
});  
</script>  
  
</body>  
</html>

# Sample Output (Screenshots)

Screenshot 1: Area #1 with number controls

A white rectangular sign with black text

AI-generated content may be incorrect.

Screenshot 2: Area 2 with Speak, Show, Hide

A screenshot of a chat

AI-generated content may be incorrect.

Screenshot 3: Area #3 with moving photo and background

A person standing on a bridge

AI-generated content may be incorrect.

# Hosting Site Info

Your website address: