OBJECTIVE:

Create a simple personal blog website where users can read blog posts and submit their comments.

Index.html:

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| <!DOCTYPE html>  <html>  <head>  <title>My Blog</title>  <link rel="stylesheet" href="style.css">  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">  </head>  <body>  <nav class="navbar navbar-dark bg-dark mb-4">  <div class="container">  <a class="navbar-brand" href="#">TechTales Blog</a>  </div>  </nav>  <div class="container">  <div class="card mb-4">  <div class="card-body">  <h3 class="card-title"> The Future of AI: What's Next?</h3>  <p class="card-text text-muted">Published on June 1, 2025</p>  <p class="card-text">  Artificial Intelligence is evolving faster than ever. In this post, we explore what AI may look like in the next 10 years—from smarter assistants to machines that understand emotion...  </p>  <a href="post.php?id=1" class="btn btn-primary">Read More</a>  </div>  </div>  <div class="card mb-4">  <div class="card-body">  <h3 class="card-title"> Web Development in 2025: Trends You Should Know</h3>  <p class="card-text text-muted">Published on May 28, 2025</p>  <p class="card-text">  From no-code platforms to AI-generated websites, the web development world is rapidly changing. Here's what developers and designers need to keep up with today’s pace...  </p>  <a href="post.php?id=2" class="btn btn-primary">Read More</a>  </div>  </div>  </div>  </body>  </html> |

Post.php:

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| <?php  require 'vendor/autoload.php';  $client = new MongoDB\Client("mongodb://localhost:27017");  $collection = $client->LAB27->comments;  $postId = $\_GET['id'] ?? "1";  $comments = $collection->find(['post\_id' => $postId]);  $title = "Blog Post";  $content = "Post content here.";  if ($postId == "1") {  $title = "The Future of AI: What's Next?";  $content = " AI is no longer science fiction—it's already changing our daily lives.  From self-driving cars to smart assistants like Siri and Alexa, AI is everywhere.  In this post, we talk about how AI might evolve and what exciting innovations we can expect in the next decade. ";}  elseif ($postId == "2") {  $title = "Web Development in 2025: Trends You Should Know";  $content = " Web development has moved far beyond basic HTML and CSS.  With tools like Tailwind, React, and AI-assisted coding, even beginners can build stunning websites.  Let’s explore the hottest trends developers are using in 2025.";}?>  <!DOCTYPE html>  <html>  <head><title><?= htmlspecialchars($title) ?></title>  <link rel="stylesheet" href="style.css">  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">  </head>  <body><div class="container mt-4">  <a href="index.html" class="btn btn-secondary mb-3">← Back to Home</a>  <h2><?= htmlspecialchars($title) ?></h2>  <p><?= nl2br(htmlspecialchars($content)) ?></p>  <hr><h4>Leave a Comment</h4>  <form method="POST" action="submit\_comment.php" id="commentForm">  <input type="hidden" name="post\_id" value="<?= htmlspecialchars($postId) ?>">  <input type="text" name="name" placeholder="Your name" class="form-control mb-2" required>  <textarea name="message" placeholder="Your comment" class="form-control mb-2" required></textarea>  <button class="btn btn-success">Submit</button> </form><hr>  <h4>Comments</h4>  <?php foreach ($comments as $comment): ?>  <div class="comment-box">  <strong><?= htmlspecialchars($comment['name']) ?>:</strong><br>  <?= nl2br(htmlspecialchars($comment['message'])) ?> </div>  <?php endforeach; ?>  </div><script>  document.getElementById("commentForm").addEventListener("submit", function(e) {  const name = document.querySelector('input[name="name"]').value.trim();  const message = document.querySelector('textarea[name="message"]').value.trim();  if (!name || !message) {  alert("Both name and message are required!");  e.preventDefault(); } });</script>  </body>  </html> |

submit\_comment.php:

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| <?php  require 'vendor/autoload.php';  $client = new MongoDB\Client("mongodb://localhost:27017");  $collection = $client->LAB27->comments;  $collection->insertOne([  'post\_id' => $\_POST['post\_id'],  'name' => $\_POST['name'],  'message' => $\_POST['message'],  'time' => new MongoDB\BSON\UTCDateTime()]);  header("Location: post.php?id=" . $\_POST['post\_id']);  exit; |

Output:



