

Assignment 8(TYCOB118)

index.erb

```
<%# <!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width,initial-scale=1.0">
<title>Reverse Name</title>
</head>
<body>
  <h1> Reverse Name </h1>
  <form action="/reverse" method="POST">
    <label for="first_name"> First Name:</label>
    <input type="text" id="first_name" name="first_name"required><br>
    <label for="last_name">Last Name:</label>
    <input type="text" id="last_name" name="last_name"required><br>
    <button type="submit">Reverse Name</button>
  </form>
</body>
</html>
%>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Reverse Name</title>
<style>
  body {
    font-family: Arial, sans-serif;
  }
  form {
    width: 300px;
    margin: 0 auto;
  }
  input[type="text"] {
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    box-sizing: border-box;
    border: 2px solid #ccc;
    border-radius: 4px;
  }
  button {
    background-color: #4CAF50;
    color: white;
    padding: 14px 20px;
```

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        margin: 8px 0;
        border: none;
        cursor: pointer;
        width: 100%;
        border-radius: 4px;
    }
    button:hover {
        opacity: 0.8;
    }
</style>
</head>
<body>
    <form action="/reverse" method="POST">
    <h1>Reverse Name</h1>
        <label for="first_name">First Name:</label>
        <input type="text" id="first_name" name="first_name" required><br>
        <label for="last_name">Last Name:</label>
        <input type="text" id="last_name" name="last_name" required><br>
        <button type="submit">Reverse Name</button>
    </form>
</body>
</html>

```

reverse.erb

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Reversed Name</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            color: #333;
            margin: 0;
            padding: 20px;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
        }
        .box {
            background-color: #fff;
            padding: 20px;
            border: 2px solid #ccc;
            border-radius: 5px;
            width: 300px;
            text-align: center;

```

```

    }
    h1 {
      color: #4CAF50;
      margin-bottom: 20px;
    }
    p {
      font-size: 24px;
      font-weight: bold;
    }
  </style>
</head>
<body>
  <div class="box">
    <h1>Reversed Name</h1>
    <p><%= @reversed_name %></p>
  </div>
</body>
</html>

```

app.rb

```

require 'sinatra'

def reverse_name(first_name, last_name)
  "#{last_name} #{first_name}"
end

get '/' do
  erb :index
end

post '/reverse' do
  first_name = params[:first_name]
  last_name = params[:last_name]
  if first_name.empty? || last_name.empty?
    @error = "Both first name and last name are required."
    erb :index
  else
    @reversed_name = reverse_name(first_name, last_name)
    erb :reverse
  end
end

```

Reverse Name

First Name:

Monika

Last Name:

Khivasara

Reverse Name

Reversed Name

Khivasara Monika