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Roll No: 205

Batch: s5

```
<?php
```

```
// Handle AJAX POST request
```

```
if ($_SERVER["REQUEST_METHOD"] === "POST" &&  
isset($_POST["name"])) {
```

```
    $name = htmlspecialchars(trim($_POST["name"]));
```

```
    echo "Hello, " . $name . "!";
```

```
    exit;
```

```
}
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>AJAX Hello Example (Single File)</title>
```

```
<script>
```

```
    function sayHello(event) {
```

```
        event.preventDefault(); // Prevent default form submission
```

```
        var name = document.getElementById("nameInput").value.trim();
```

```
        if (name === "") {
```

```
            alert("Please enter your name.");
```

```
            return;
```

```
        }
```

```

var xhr = new XMLHttpRequest();

xhr.open("POST", "", true); // Send to the same file

xhr.setRequestHeader("Content-type", "application/x-www-form-
urlencoded");


    xhr.onreadystatechange = function () {
        if (xhr.readyState === 4 && xhr.status === 200) {
            document.getElementById("result").innerHTML =
xhr.responseText;
        }
    };
    xhr.send("name=" + encodeURIComponent(name));
}
</script>
</head>
<body>
    <h2>AJAX + PHP: Hello Name</h2>

    <form onsubmit="sayHello(event)">
        <input type="text" id="nameInput" placeholder="Enter your name" />
        <button type="submit">Submit</button>
    </form>


    <div id="result" style="margin-top: 20px; font-size: 18px; color:
green;"></div>
</body>
</html>

```

OUTPUT:

## AJAX + PHP: Hello Name

Hello, NAGARJUN!