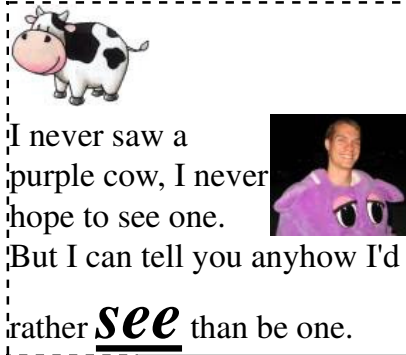


1. HTML/CSS Interpreting

What a *great* page!!



I never saw a
purple cow, I never
hope to see one.
But I can tell you anyhow I'd
rather ***see*** than be one.

What about me?

This Copyright 2007
is CSE.
the
end!

2. JavaScript/DOM

```
window.onload = function() {  
  var tables = document.querySelectorAll("table");  
  for (var table = 0; table < tables.length; table++){  
    var rows = tables[table].getElementsByTagName("tr");  
    for (var row = 0; row < rows.length; row++) {  
      var tds = rows[row].getElementsByTagName("td");  
      for (var col = 0; col < tds.length; col++) {  
        if (row % 2 == col % 2) {  
          tds[col].classList.add("chess");  
        }  
      }  
    }  
  }  
};
```

3. Ajax/XML

```
window.onload = function() {
    var ajax = new XMLHttpRequest();
    ajax.onload = createRects;
    ajax.open("GET", "rect.php", true);
    ajax.send();
};

function createRects() {
    var rects = this.responseXML.getElementsByTagName("rectangle");
    for (var i = 0; i < rects.length; i++) {
        var div = document.createElement("div");
        div.style.position = "absolute";
        div.style.border = "2px solid black";
        div.style.width = rects[i].getAttribute("width") + "px";
        div.style.height = rects[i].getAttribute("height") + "px";
        div.style.left = rects[i].getAttribute("x") + "px";
        div.style.top = rects[i].getAttribute("y") + "px";
        div.style.backgroundColor = "#" + rects[i].getAttribute("color");
        document.getElementById("rectanglearea").appendChild(div);
    }
}
```

4. PHP

```
<?php
header("Content-Type: text/plain");
$search_name = $_GET["name"];
$found = FALSE;

$text = file_get_contents("employees.txt");
$lines = explode("\n", $text);
foreach ($lines as $line) {
    $tokens = preg_split("/\t+/", $line);
    if ($tokens[0] == $search_name) {
        $found = TRUE;
        $title = preg_replace("/[^a-zA-Z]+/", "", $tokens[2]);
        print "http://www.awesomeco.com/$title/{$tokens[1]}";
    }
}

if (!$found) {
    print "http://www.awesomeco.com/";
}
?>
```

5. SQL

```
SELECT  a1.first_name, a2.first_name, a2.last_name, m.name
FROM    movies m
JOIN    roles r1 ON r1.movie_id = m.id
JOIN    actors a1 ON a1.id = r1.actor_id
JOIN    roles r2 ON m.id = r2.movie_id
JOIN    actors a2 ON a2.id = r2.actor_id
WHERE   a1.last_name = a2.last_name
AND     a1.first_name < a2.first_name
ORDER BY a2.last_name;
```

6. PHP+HTML+SQL

```
function display_last_names() {
    # connect to database
    $db = new PDO("mysql:dbname=imdb", "username", "password");
    $query = "SELECT a1.first_name AS first1,
                a2.first_name AS first2, a2.last_name AS last,
                m.name AS movie
            FROM movies m
            JOIN roles r1 ON r1.movie_id = m.id
            JOIN actors a1 ON a1.id = r1.actor_id
            JOIN roles r2 ON m.id = r2.movie_id
            JOIN actors a2 ON a2.id = r2.actor_id
            WHERE a1.last_name = a2.last_name
            AND   a1.first_name < a2.first_name
            ORDER BY last";
    $rows = $db->query($query);
    ?>

<ol>

    <?php
    $second = FALSE;
    foreach ($rows as $row) {
        if (!$second && preg_match("/^[K-Z]/", $row["last"])) {
            # end first list and start second
            $second = TRUE;
            ?>

            </ol>
            <ol>

                <?php
                }
                ?>

            <li>
                <?= $row["last"] ?>, <?= $row["first1"] ?> /
                <?= $row["first2"] ?>: <?= $row["movie"] ?>
            </li>

            <?php
            }
            ?>

    </ol>

<?php
}
```