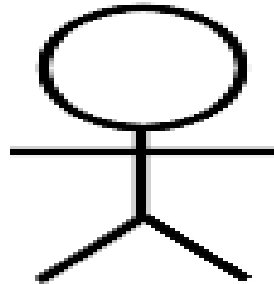# CSE 190 M, Spring 2008
Practice Final Exam Key

1. HTML/CSS

Scene

#7

Elizabeth: Captain Barbosa, I am here to negotiate the cessation of hostilities against Port Royal.

Barbossa:

There are a lot of long words in

there, Miss.
What is it that you want?
Elizabeth: I want you to leave and never come back.

Barbossa: I'm disinclined to acquiesce to your request. Means "no."

2. Javascript/DOM

```
window.onload = loadq2;

function loadq2() {
    $("del").onclick = divideAll;
}

function divideAll() {
    var divisor = $("divisor").value;
    var buttons = $("q2buttons").getElementsByTagName("button");
    for (var i = 0; i < buttons.length; i++) {
        if (buttons[i].textContent % divisor == 0) {
            buttons[i].remove();
        }
    }
}
```
or:
```
window.onload = function() {
    $("del").onclick = divideAll;
}

function divideAll() {
    var divisor = $("divisor").value;
    var div = $("q2buttons");
    while (div.firstChild.textContent % divisor == 0) {
        div.removeChild(div.firstChild);
    }
    var button = div.firstChild;
    while (button.nextSibling) {
        if (button.nextSibling.textContent % divisor == 0) {
            div.removeChild(button.nextSibling);
        }
    }
}
```

3. Ajax/XML

```
window.onload = function() {
    new Ajax.Request("movie.xml",
        {
            method: "get",
            onSuccess: displayLines
        }
    );
}

function displayLines(ajax) {
    var character = ajax.responseXML.getElementsByTagName("character")[0];
    var lines = character.getElementsByTagName("line");
    for (var i = 0; i < lines.length; i++) {
        var time = lines[i].getAttribute("time");
        var text = lines[i].textContent;

        var p = document.createElement("p");
        p.textContent = "(" + time + ") " + text;
        $("q3html").appendChild(p);
    }
}
```

4. PHP

```php
<?php
header("Content-type: text/plain");
$name = $_REQUEST["name"];
$cc = $_REQUEST["cc"];
$pw = $_REQUEST["pw"];

if (!$name || strlen($pw) < 6 ||
    !preg_match("/^\d{4}[-]?\d{4}[-]?\d{4}[-]?\d{4}$/", $cc)) {
    print "Denied!  Invalid data.\n";
} else {
    print "Successful.\n";
}
$cc = preg_replace("/-/", "", $cc);
$pw = preg_replace("/./", "*", $pw);
print "$name, $pw, $cc\n";
?>
```

5. SQL

```sql
SELECT DISTINCT r1.role
FROM     roles r1
JOIN     movies m1 ON m1.id = r1.movie_id
JOIN     roles r2 ON r1.role = r2.role
JOIN     movies m2 ON m2.id = r2.movie_id
WHERE    m1.name LIKE '%Pirates of the Caribbean%'
AND      m2.name LIKE '%Pirates of the Caribbean%'
ORDER BY r1.role;
```