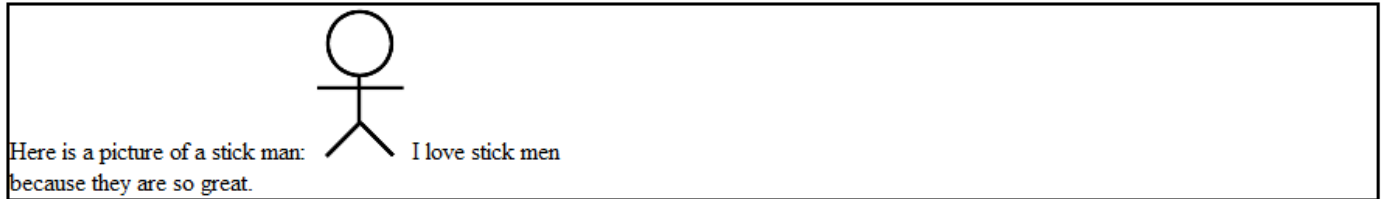


CSE 190 M, Extra Exam Problems
ANSWER KEY

1. HTML / CSS Tracing

heading

A paragraph



A second heading

Another paragraph

2. HTML / CSS Tracing

You only think I guessed wrong! That's what's so funny! I switched glasses when your back was turned!

You fell victim to one of the classic blunders!

Never get involved in a land war in asia.

<h1>

Ha ha ha!

3. HTML / CSS Coding

```
<div class="dialogue">
  <h2 class="vader">VADER</h2>
  <p class="vader">If you only knew the power of the dark side.
    Obi-Wan never told you what happened to your father.</p>

  <h2 class="luke">LUKE</h2>
  <p class="luke">He told me enough! It was you who killed him.</p>

  <h2 class="vader">VADER</h2>
  <p class="vader">No. I am your father.</p>

  <h2 class="luke">LUKE</h2>
  <p class="luke">No. No. That's not true!
  <span class="impossible">That's impossible!</span></p>

  <h2 class="vader">VADER</h2>
  <p class="vader">Search your feelings.
  <strong>You know it to be true.</strong></p>
</div>
```

```
div.dialogue {
  width: 50%;
  margin-left: auto;
  margin-right: auto;
}

.luke, .vader {
  margin: 0px;
}

.vader {
  text-align: right;
}

.luke {
  text-align: left;
}

span.impossible {
  color: red;
}

.character {
  width: 20%;
  float: right;
}
```

4. JavaScript / DOM

```
window.onload = function() {
    var chars = ["Garfield", "Odie", "Nermal", "Pooky", "Jon"];
    for (var i = 0; i < chars.length; i++) {
        var option = document.createElement("option");
        option.innerHTML = option.value = chars[i];
        document.getElementById("characters").appendChild(option);
    }
    setChar("garfield");

    document.getElementById("characters").onchange = changeChar;
};

function changeChar() {
    setChar(this.value.toLowerCase());
}

function setChar(character) {
    document.getElementById("comic").src = "images/" + character + ".jpg";
}
```

5. JavaScript / DOM

```
window.onload = function() {
    for (var i = 0; i < 20; i++) {
        var square = document.createElement("div");
        var c = 255 - 10 * i; // color
        var xy = 10 * i;
        var size = 400 - 2 * xy;
        square.style.backgroundColor = "rgb(" + c + ", " + c + ", " + c + ")";
        square.style.width = size + "px";
        square.style.height = size + "px";
        square.style.position = "absolute";
        square.style.left = xy + "px";
        square.style.top = xy + "px";
        document.getElementById("gradient").appendChild(square);
    }
};
```