COMP 4021

Web x.0

Web 1.0	Web 2.0
Read only	read and write
static	dynamic
desktop based	ubiquitous
min use of JS	use a lot of JS

jQuery

```
$('abc')
.html()
.text()
.attr('href')
.show()
.hide()
.toggle(500)
```

CSS

```
a:link, a:hover, a:visited
```

SVG

Paths:

- M: Move to
- L: Draw a straight line to
- H: Draw a horizontal line to
- V: Draw a vertical line to
- C: Draw a curve to (uses a cubic Bezier curve)
- S: Draw a smooth curve to
- Q: Quadratic Bezier curve
- T: Draw a smooth quadratic Bezier curve to
- A: Draw an arc to
- Z: Finish/ go back to the beginning

borrow attribute from svg to html tag

e.g. Borrow xlink to href

```
<img xlink:href="blablabla" />
```

g tag

Used to group up multiple svg elements so that the group can be manipulated with JS

Can use style tag just like in html

Animations:

CSS animation events: 'animationstart', 'animationend', 'transitionrun', 'transitionstart', 'transitionend'

Responsive

}

animation: move-rect 2s;

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">

@media screen and (max-width: 800px) {
   body { font-size: 14px; }
}
```

```
<picture>
     <source media="(max-width: 400px)"
     srcset="gibson_300w.jpg">
          <source media="(max-width: 600px)"
          srcset="gibson_500w.jpg">
          <source media="(max-width: 800px)"
          srcset="gibson_750w.jpg">
          <img src="gibson.jpg" alt="Gibson">
          </picture>
```