

## Unit 6.3 Highlights

(Source: Wikipedia)

**Pair(ed) Programming** - Pair programming is an agile software development technique in which two programmers work together at one workstation. One, the driver, writes code while the other, the observer or navigator, reviews each line of code as it is typed in. The two programmers switch roles frequently

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### JavaScript / jQuery Create HTML Elements (Source: W3Schools)

#### Ex. 1

```
var div = $("<div/>"); //use any valid HTML tag name
var anotherDiv = $("<div/>").attr("id","someName").addClass("someClass"); //chain commands
together to save time
var yetAnotherDiv = $("<div/>", {
    text: "Something cool",
    id: "anotherDivId",
    click: function(){
        //do something cool
    }
}); //embed .attr properties as an object within an optional 2nd argument when creating an
element to reduce comprehension time
```

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### JavaScript / jQuery Appending,Prepending HTML Elements(Source: W3Schools)

**\$(selector).append()** - Inserts the specified content as the last child of each element in the matching collection

#### Ex. 2

```
$(".main").append( "<p>Test</p>" ); //use HTML as a string
```

#### Ex. 3

```
var div = $("<div>");
$(".inner").append(div); //use a variable set to a jQuery Object with the value of an html tag
```

#### Ex. 4

```
$(".inner").append($("<div/>")); //create an element directly within the .append() method
```

**\$(selector).prepend()** - Inserts the specified content as the first child of each element in the matching collection

#### Ex. 5

```
$(".main").prepend( "<p>Test</p>" ); //use HTML as a string
```

#### Ex. 6

```
var div = $("<div/>");
$(".inner").prepend(div); //use a variable set to a jQuery Object with the value of an html
tag
```

#### Ex. 7

```
$(".inner").prepend($("<div/>")); //create an element directly within the .append() method
```