Advanced Web Design
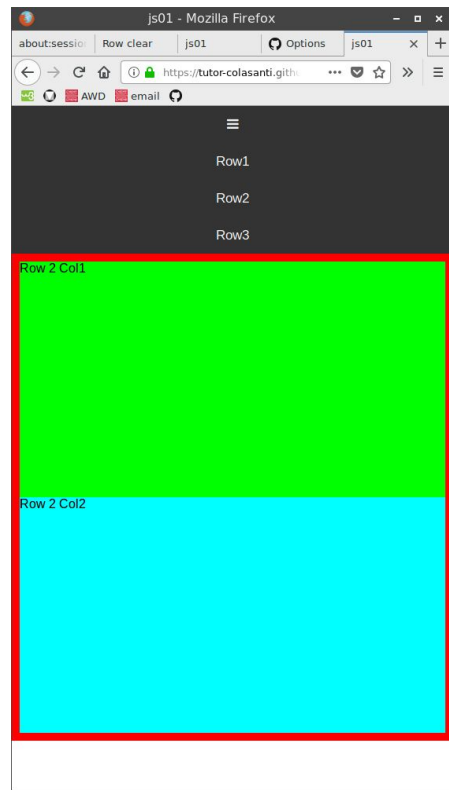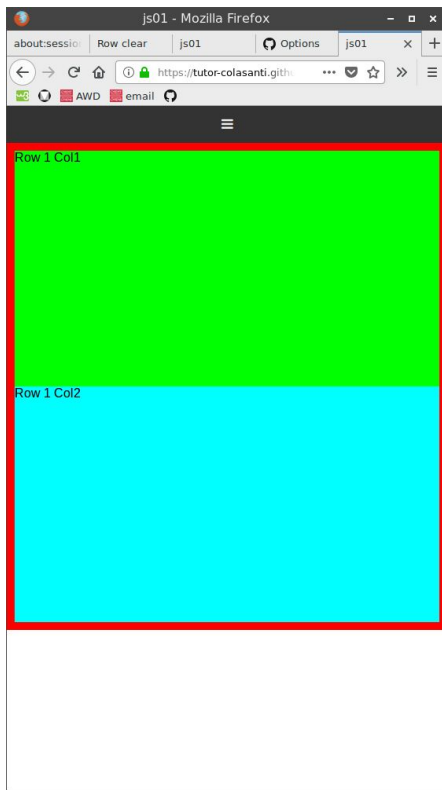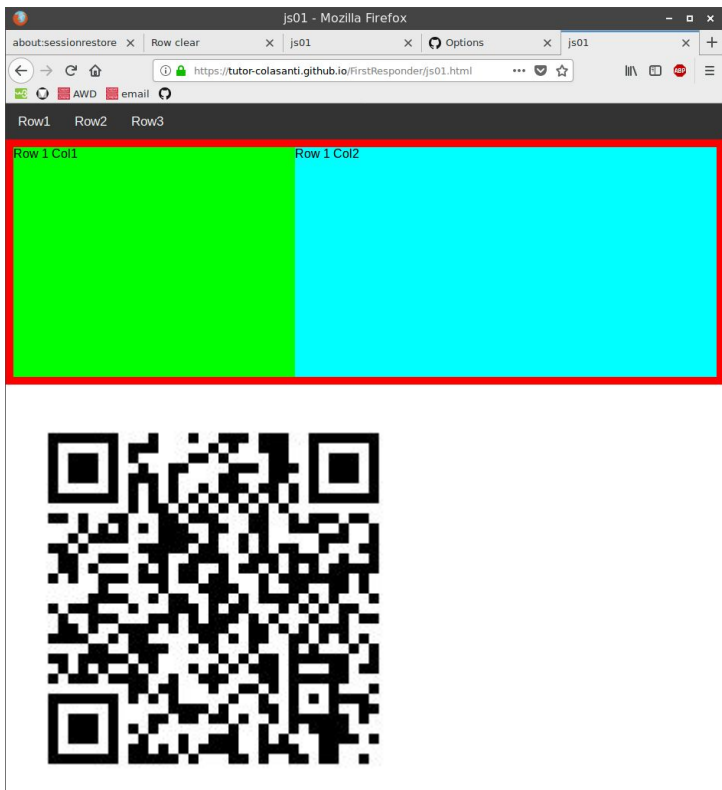
———
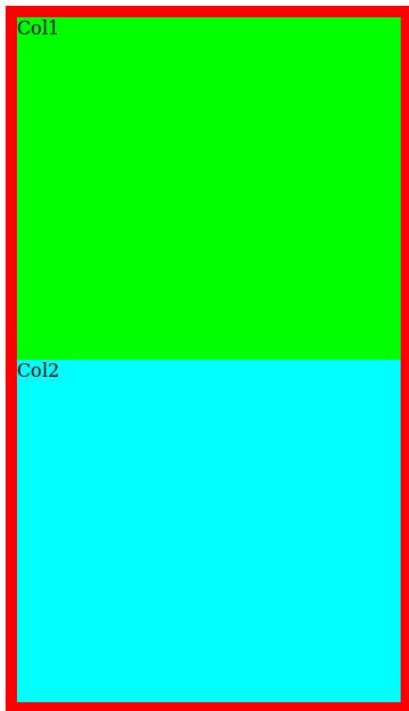
1. Objective : Responsive web page viewed on smartphone
2. @Media
   a. Row, Col
   b. Upload to GitHub Page
3. Javascript
 4. Review
   a. Variables
   b. Functions
5. Break
6. JavaScript
         i. Arrays
      ii. loops
7. Application

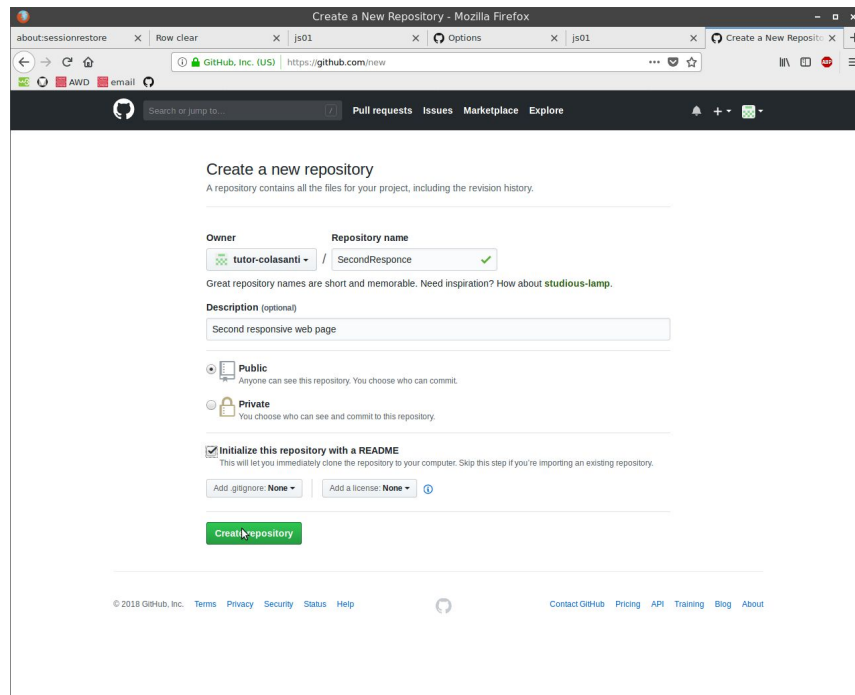# https://tutor-colasanti.github.io/FirstResponder/js01.html
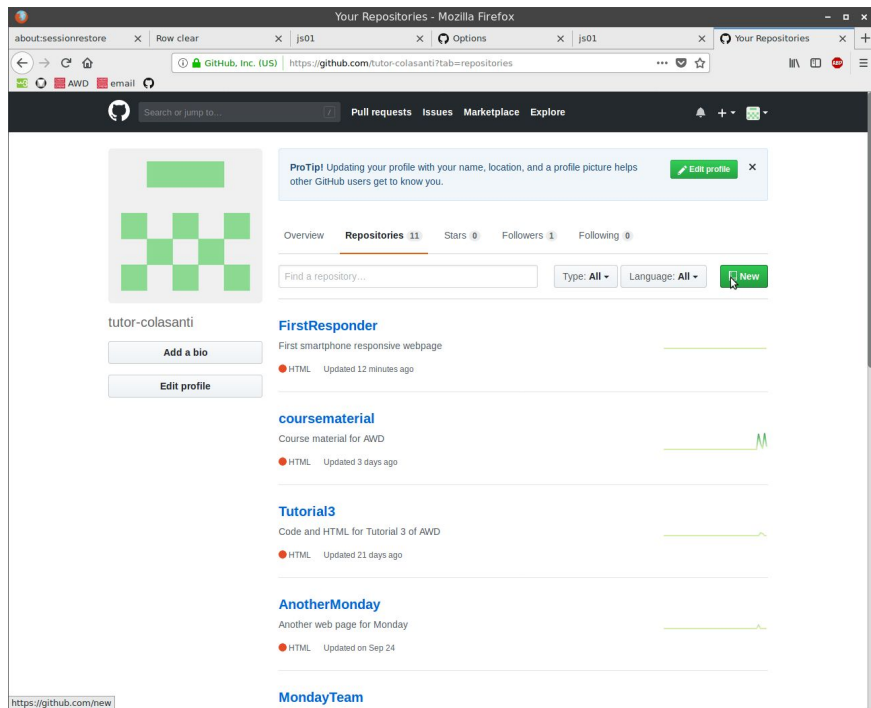
Media

— — —


```
* {
    box-sizing: border-box;
}

.row {
    width:100%;
}
.row::after{
    content: "";
    clear:both;
    display: table;
}

.col-40 {
    width: 40%;
    float: left;
}

.col-60 {
    width: 60%;
    float: left;
}
```

```
@media screen and (max-width: 800px) {
  .col-40{
                width: 100%;
                float:none;
        }
  .col-60{
                width: 100%;
                float: none;
        }
}
```

GitHub Page

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GitHub Page

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GitHub Page
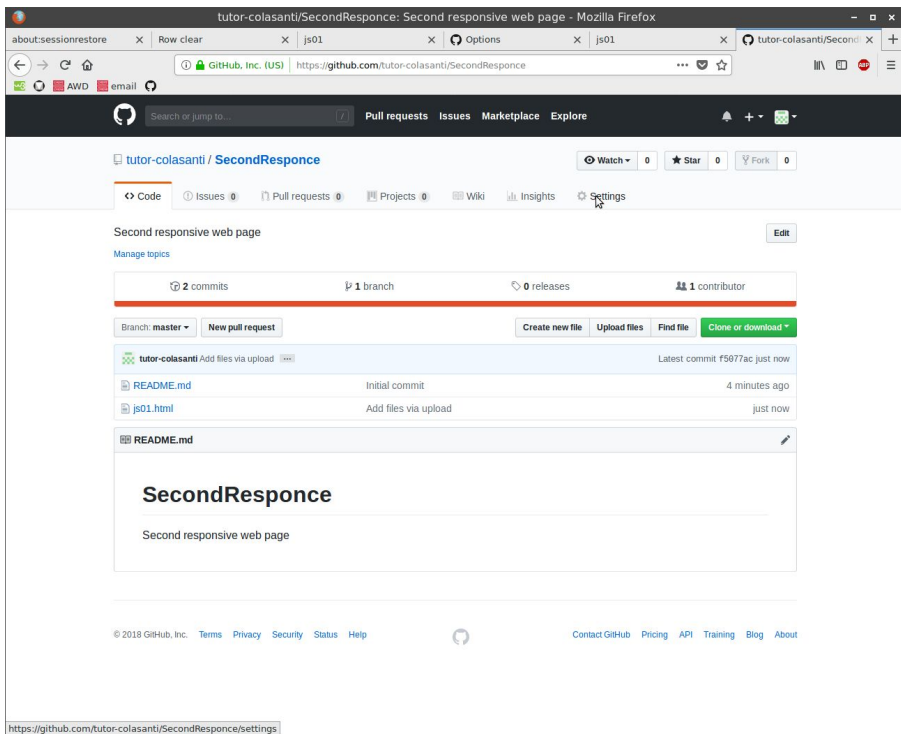
Media
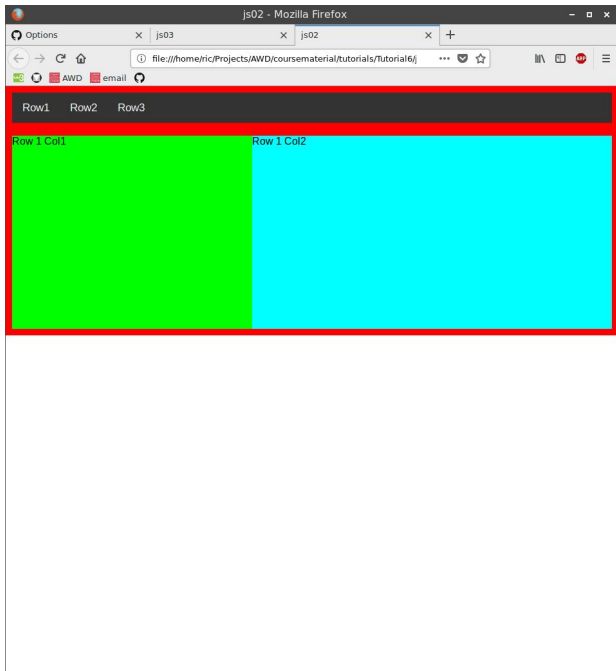

```
@media screen and (max-width: 800px) {
    .col-40{
                width: 100%;
                float:none;
        }
    .col-60{
                width: 100%;
                float: none;
        }
}


 * {
        box-sizing: border-box;
    }

    .row {
        width:100%;
    }
    .row::after{
        content: "";
        clear:both;
        display: table;
    }

    .col-40 {
        width: 40%;
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    }

    .col-60 {
        width: 60%;
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    }
```
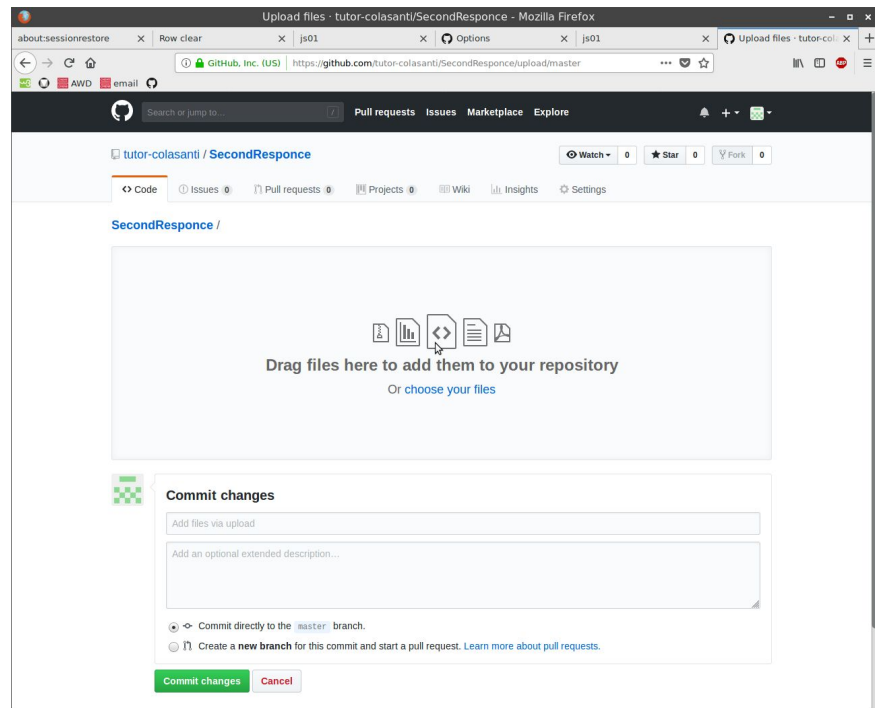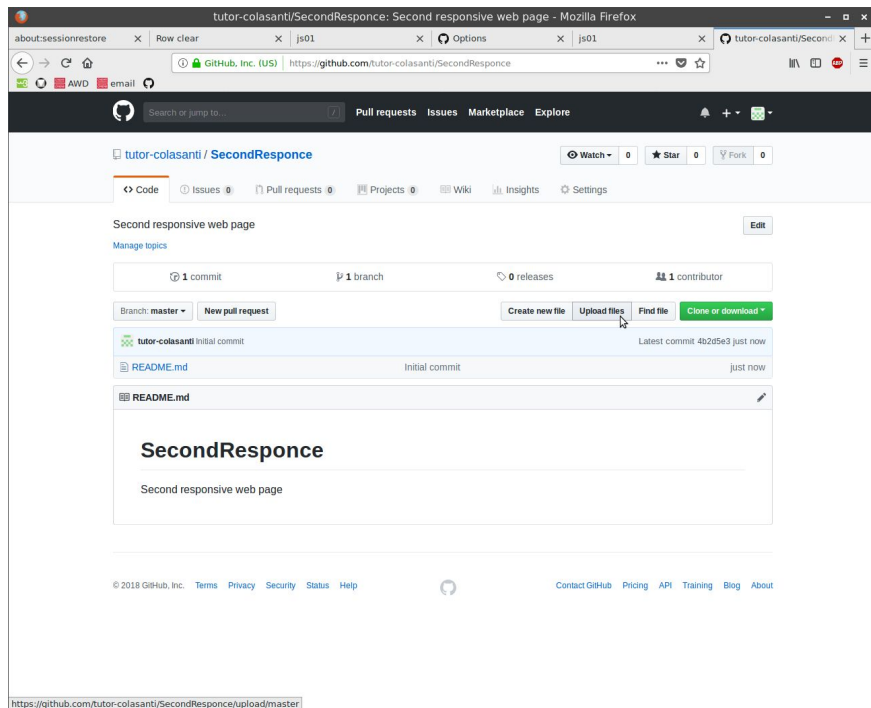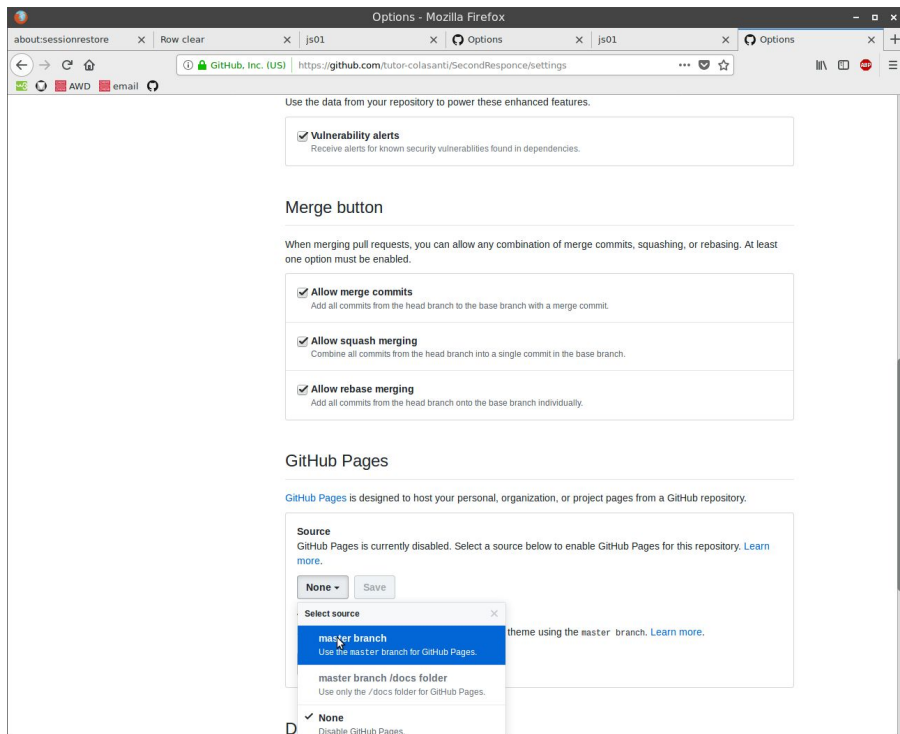
Fonts

```
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awe
some/4.7.0/css/font-awesome.min.css">

    <div class="fa fa-bars"></div>
```

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Hide

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```
<style>
.hide{
    display:block;
}
@media screen and (max-width:800px){
    .hide{
        display:none
    }
}
</style>
</head>
<body>
<div class="hide">Hello</div>

</body>
```

Visability

———

```
<style>
.hide{
    visibility:visible;
}
@media screen and (max-width:800px){
    .hide{
        visibility:hidden;
    }
}
</style>
</head>
<body>
<div class="hide">Hello</div>

</body>
```
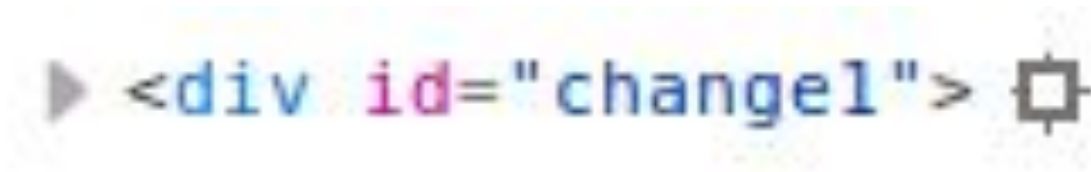
JavaScript: variable

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```
<div id="change1">
    Some Text
</div>
```

```
Var elem = document.getElementById("change1");
console.log(elem);
```

JavaScript: Change style

```
elem.style.backgroundColor="rgb(0,250,0)";


In CSS:
    background-color:rgb(0,250,0);
```

JavaScript: Change HTML

```
Replace with new HTML:
    elem.style.innerHTML="New text";



Add new HTML:
    elem.style.innerHTML += " some more text";
```

JavaScript: Arrays

_ _ _

```
<div onclick="hide()">Hide</div>
<div class="show">A</div>
<div class="show">B</div>
<div class="show">C</div>
<div class="show">D</div>
```

```
function hide() {
    var elems = document.getElementsByClassName("show")
}
```

JavaScript: Arrays length

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```
<div onclick="hide()">Hide</div>
<div class="show">A</div>
<div class="show">B</div>
<div class="show">C</div>
<div class="show">D</div>
```

```
function hide() {
    var elems = document.getElementsByClassName("show")
    for (i=0; i< elems.length;i++) {
        console.log(elems[i].className);
    }
}
```