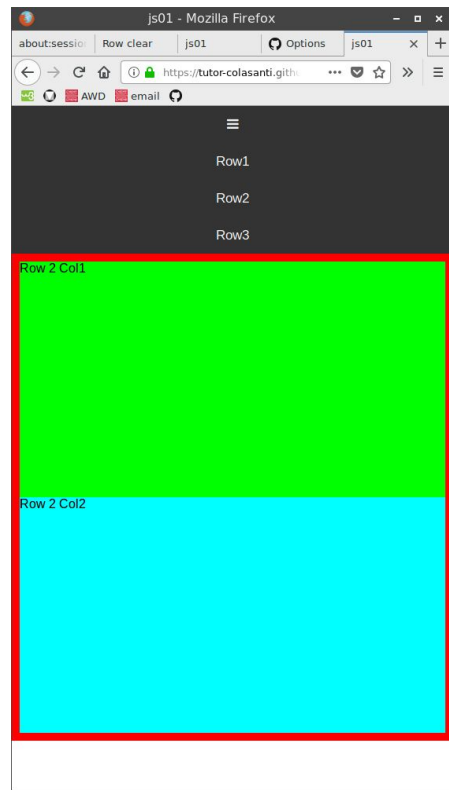
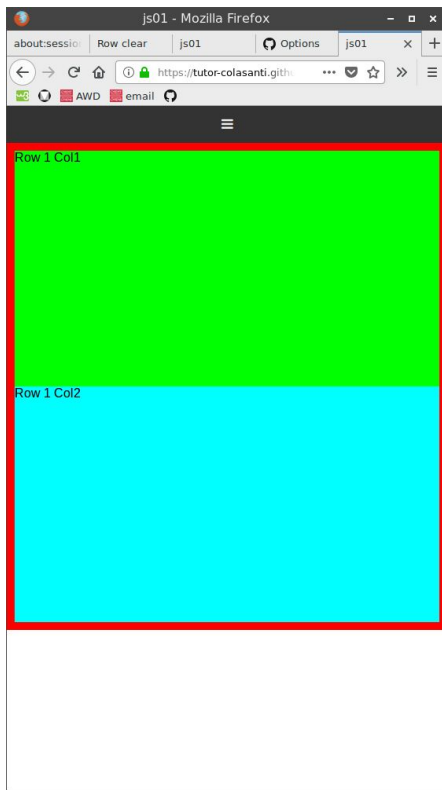
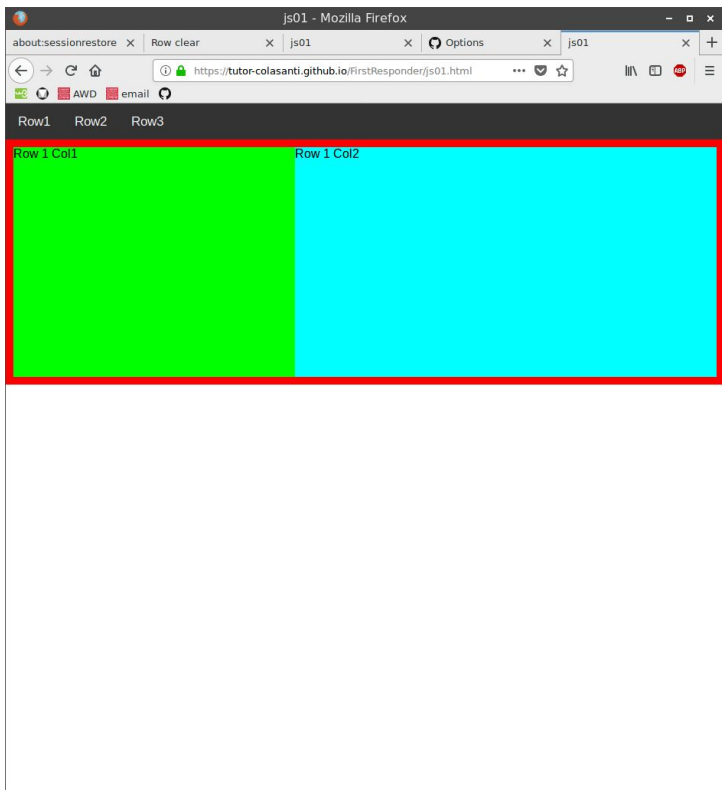


Advanced Web Design

— — —

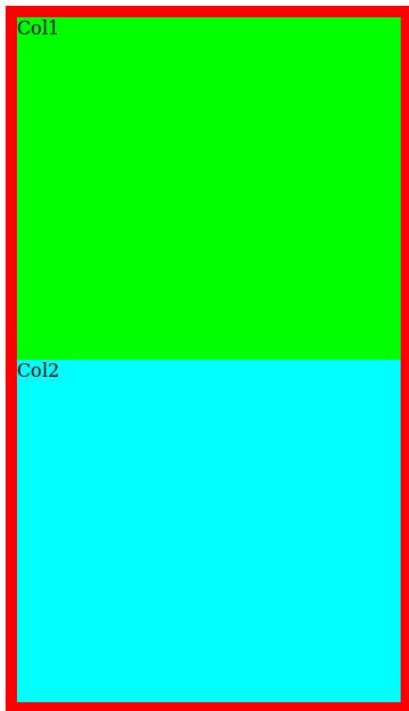
1. Objective : Responsive web page viewed on smartphone
2. @Media
 - a. Row, Col
 - b. Upload to GitHub Page
3. Javascript
4. Review
 - a. Variables
 - b. Functions
5. Break
6. JavaScript
 - i. Arrays
 - ii. loops
7. Application

<https://tutor-colasanti.github.io/FirstResponder/js01.html>



Media

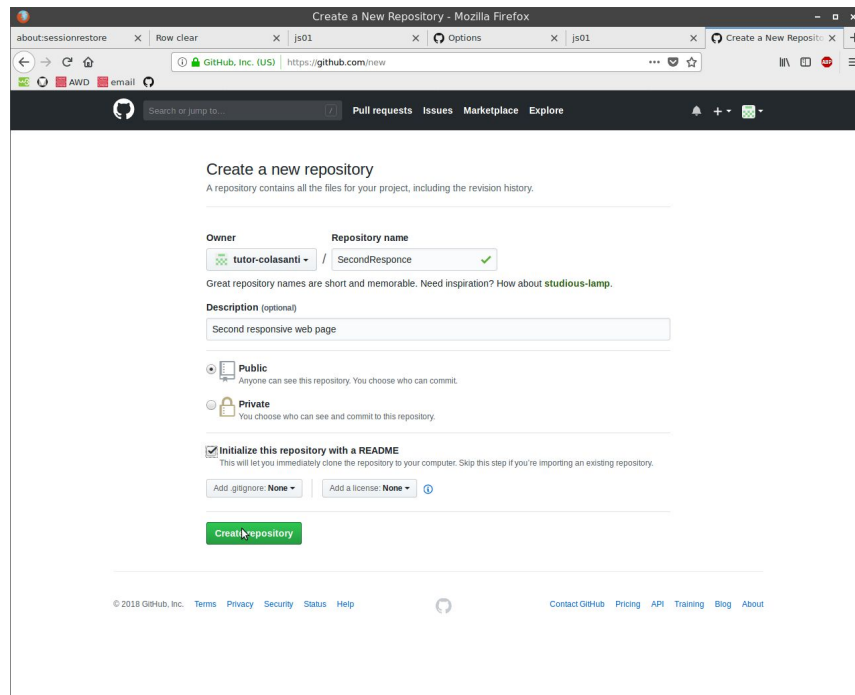
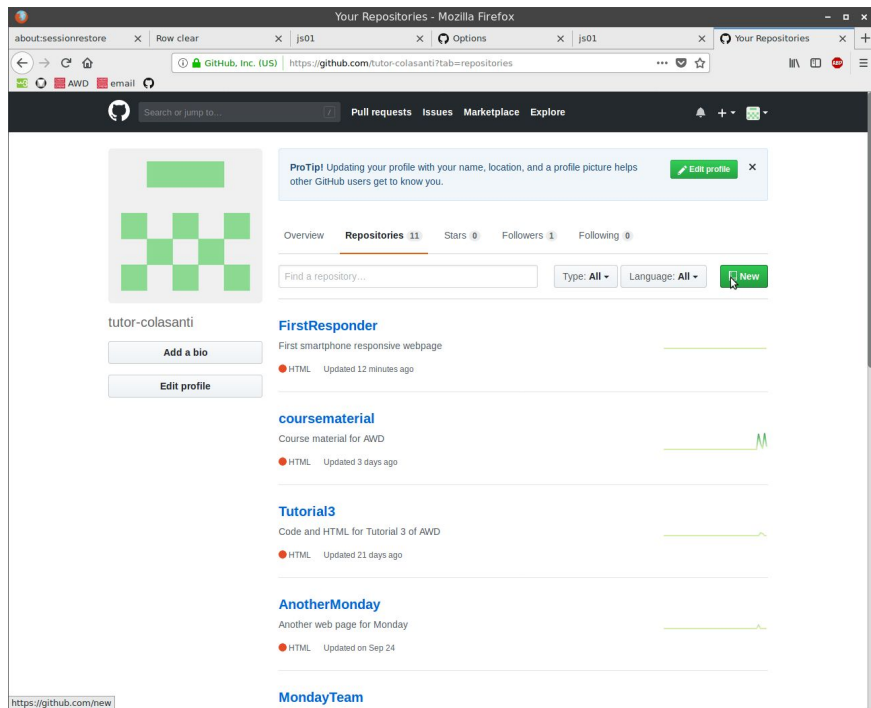
— — —



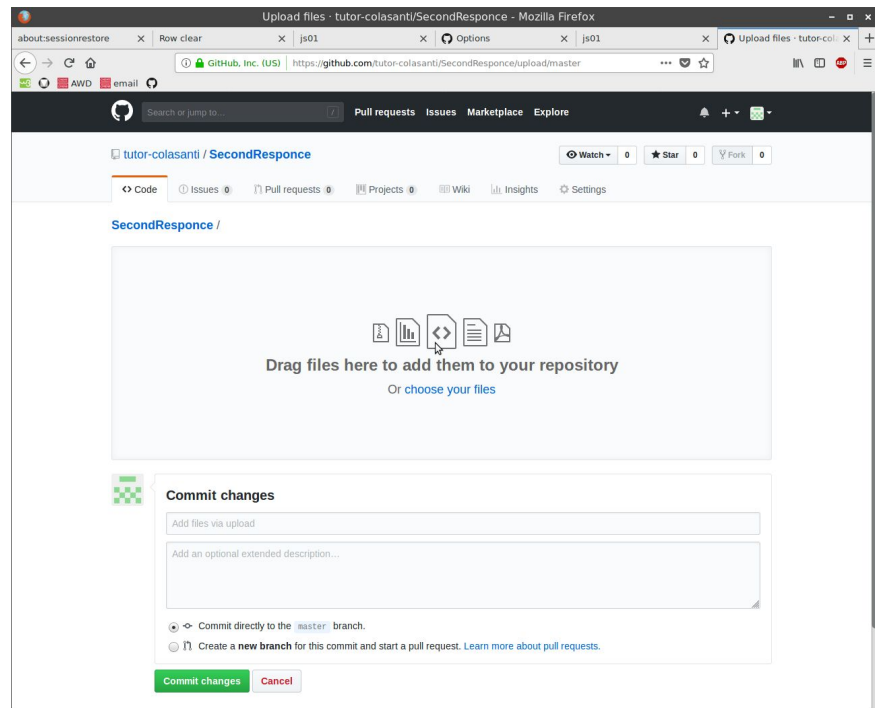
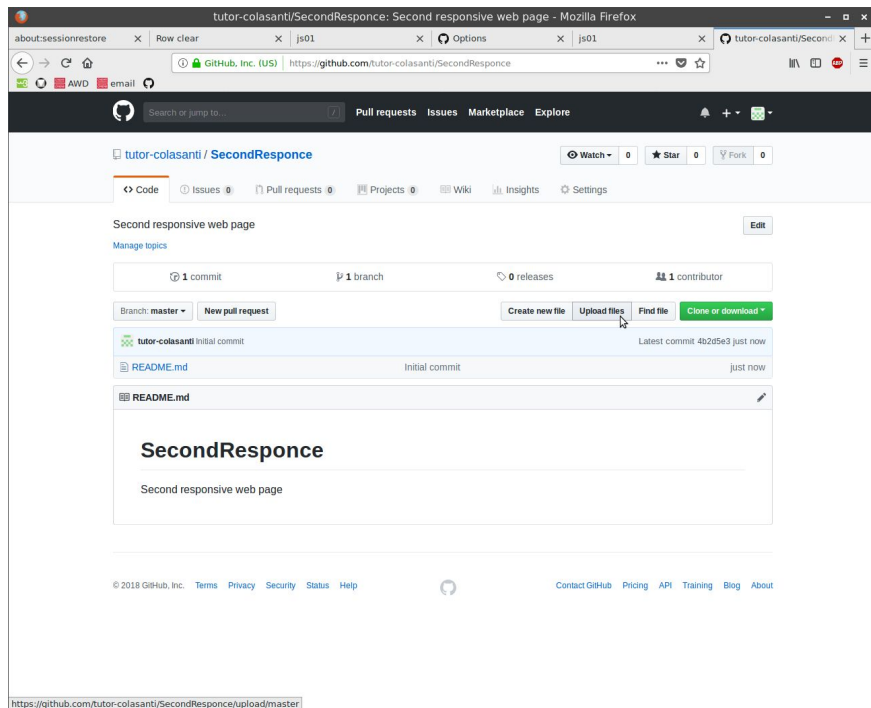
```
* {  
  box-sizing: border-box;  
}  
  
.row {  
  width: 100%;  
}  
.row::after {  
  content: "";  
  clear: both;  
  display: table;  
}  
  
.col-40 {  
  width: 40%;  
  float: left;  
}  
  
.col-60 {  
  width: 60%;  
  float: left;  
}
```

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

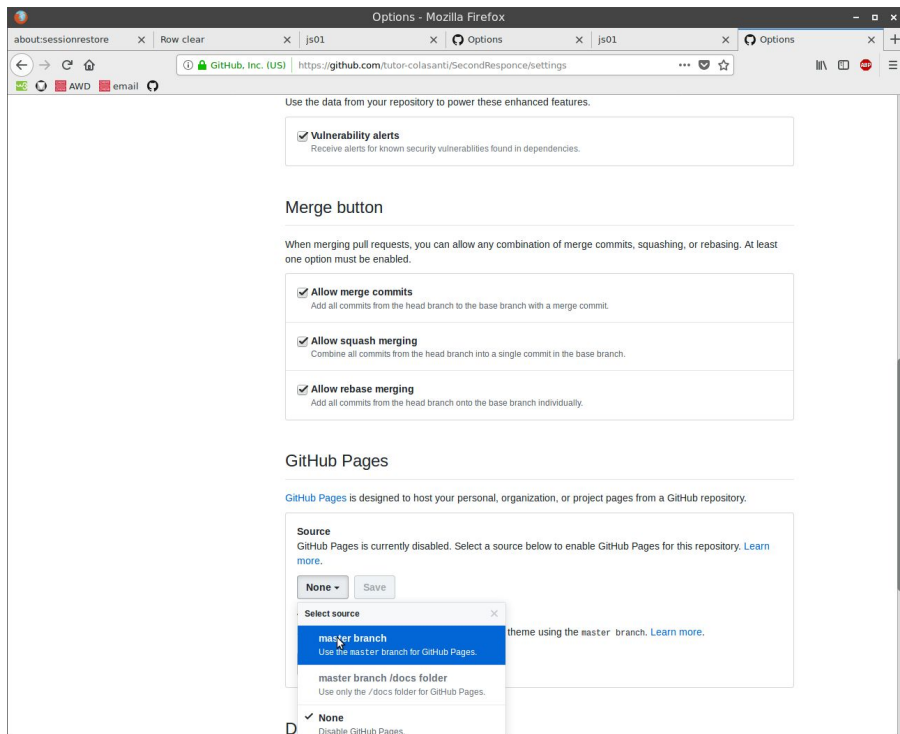
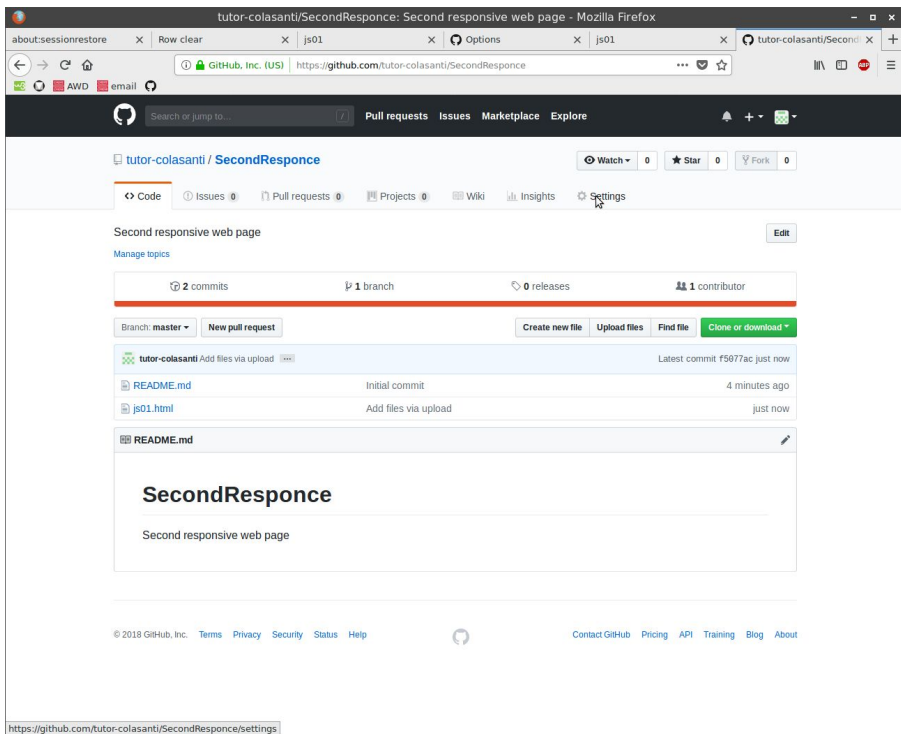
GitHub Page



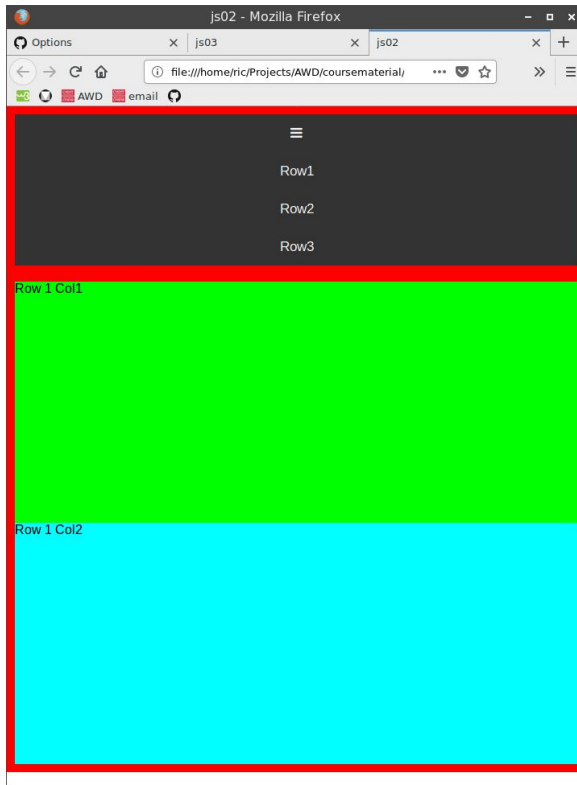
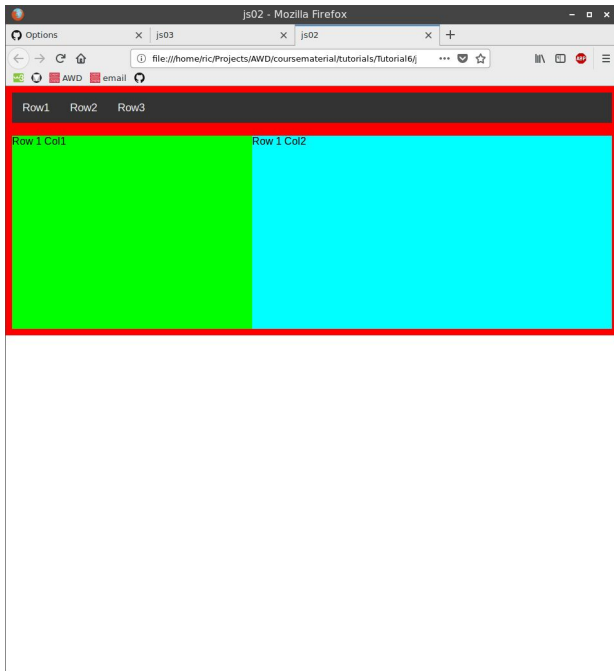
GitHub Page



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%;  
  float: left;  
}
```

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

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>
```



Hide

— — —

```
<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>

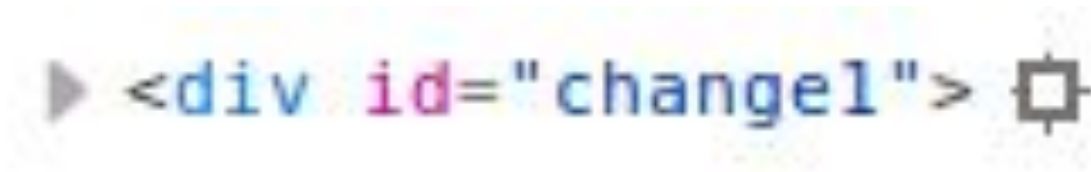
</body>
```

JavaScript: variable

— — —

```
<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

— — —

```
<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);
  }
}
```