

Assignment-3

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Section:23412G1

Q1) write a jquery program that lets a user apply one of two classes ('highlight' and 'dim') to a <div> element by clicking two different buttons , the highlighted class should set the background color of the <div> to yellow while the "dim" class should reduce the opacity of the <div> ensure that clicking the add highlight button applies the highlight class and clicking the 'add dim' button applies the 'dim' class with the previously applied class being removed before the new one is added

CODE:-

```
<html>

<head>

<title>Ahab Anwer , Assignment-3,Q-1</title>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<script>

$(document).ready(function() {

$("#btn1").click(function() {

$('#myDiv').removeClass('dim').addClass('highlight');

});

$("#btn2").click(function() {

$('#myDiv').removeClass('highlight').addClass('dim');

});

});

</script>

<style>

.highlight {

background-color: yellow;

}

.dim {

background-color:rgba(241, 248, 28, 0.7);

opacity: 0.7;
```

```

    }

#myDiv {
    width: 200px;
    height: 100px;
    border: 1px solid #000;
    margin-top: 20px;
}

</style>
</head>

<body>

<button id="btn1">Add Highlight</button>

<button id="btn2">Add Dim</button>

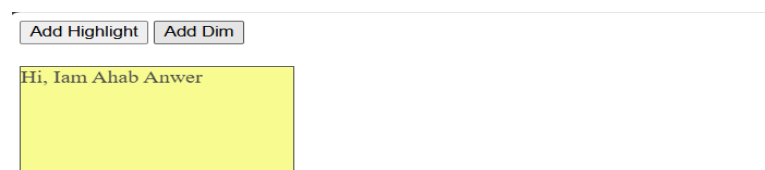
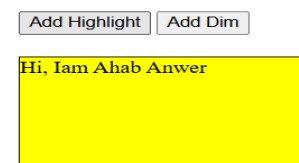
<div id="myDiv">Hi, Iam Ahab Anwer</div>

</body>

</html>

```

OUTPUT:-



Q2) Write code to display a popup box without using the JavaScript alert() function.

CODE:-

```
<html>

<head>

<title>Ahab Anwer,Assignment-3,Q-2</title>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<script>

$(document).ready(function(){

$("#btn1").click(function(){

$("#pop").css({"height":"150px","width":"150px","border":"2px solid black","text-align":"center",}).text("Hi ,I am Ahab Anwer");

});

});

</script>

<style>

button{

width:100px;

height:50px;

}

</style>

</head>

<body>

<button id="btn1">Pop Up! </button>

<div id="pop">

</div>

</body>

</html>
```

OUTPUT:-

Pop Up!

Pop Up!

Hi ,I am Ahab Anwer

Q3) Create a webpage using j query that contains a table displaying student data and an 'Add Row' button. The 'Add Row' button should add a new row with data from input fields each time it is clicked. Additionally, include a 'Change Color' button to change the text color of all table data to red.

CODE:-

```
<html>
```

```
<head>
```

```
<title>Ahab Anwer,Assignment-3,Question-3</title>
```

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
```

```
<script>
```

```
$(document).ready(function () {
```

```
$("#btn1").click(function () {
```

```
$("#tbody").append(
```

```
`<tr>
```

```
<td>Ferrari </td>
```

```
<td>Ferrari 458-italia</td>
```

```
<td>V8</td>
```

```
<td>2009</td>
```

```
</tr>`);
```

```
});

$("#btn2").click(function () {

$("#tr").css("color", "red");

})

});

</script>

<style>

table {

border-collapse: collapse;

}

th,

td {

padding: 10px;

}

</style>

</head>

<body>

<table border="2px">

<thead>

<tr>

<th>Manufacture</th>

<th>Model</th>

<th>Engine</th>

<th>Year</th>

</tr>
```

</thead>

<tbody>

<tr>

<td>Lamborghini</td>

<td>Aventador SVJ</td>

<td>V10</td>

<td>2019</td>

</tr>

<tr>

<td>Bugatti</td>

<td>Bugatti Chiron</td>

<td>W16</td>

<td>2016</td>

</tr>

<tr>

<td>Mercedes</td>

<td>SLR McLaren</td>

<td>V8</td>

<td>2003</td>

</tr>

</tbody>

</table>

<button id="btn1">Add Row</button>

<button id="btn2">Change Color</button>

</body>

</html>

OUTPUT:-

Manufacture	Model	Engine	Year
Lamborghini	Aventador SVJ	V10	2019
Bugatti	Bugatti Chiron	W16	2016
Mercedes	SLR McLaren	V8	2003

Add RowChange Color

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Lamborghini	Aventador SVJ	V10	2019
Bugatti	Bugatti Chiron	W16	2016
Mercedes	SLR McLaren	V8	2003
Ferrari	Ferrari 458-italia	V8	2009

Add RowChange Color

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Lamborghini	Aventador SVJ	V10	2019
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Add RowChange Color