

c) jQuery • Data

1) Attaches / gets data for selected elements.

1) ~~Syntax~~ \rightarrow $\$(selector) \cdot data(parameters)$

↳ bottom 1) If no name / parameter specified \rightarrow return

- ↳ All stored Data for element as an object.

Q.1. HTML code is

```
<div> </div>
<button id = "b1" > Attach Data </button>
<button id = "b2" > Get Data </button>
```

jQuery code

```
$(document).ready(function(){
    $("#b1").click(function(){
        $("#div").data("Moumen", "Ravi");
    });
    $("#b2").click(function(){
        var moum = $("#div").data("Moumen");
        alert(moum);
    });
});
```

Q.2. removeData() :- Removes Data which was previously set
 Syntax → `$(Selector).removeData(Args);`

Q.3. HTML code

```
<div> </div>
<button id = "b1" > Attach Data </button>
<button id = "b3" > Remove Data </button>
<button id = "b2" > Get Data </button>
```

jQuery code

→ Add this code & combine with previous jQuery - Data() code

```
$("#b3").click(function(){
    $("#div").removeData("Moumen");
});
```

Q.4. jQuery 'hasData'

→ Check if an element has any data associated with it.

→ Syntax → `jQuery.hasData(element);`

→ When you need to check if data has been attached to element before attempting to access it.

Add Below to HTML & jQuery code

Q.5. HTML code

```
<button id = "b4" > Check Data </button>
```

jQuery code

```
$("#b4").click(function(){
    if (jQuery.hasData($("#div")[0])){
        alert("Data");
    } else {
        alert("No Data");
    }
});
```