

JS-A3#1b

Task 1	<p>Watch the lesson video carefully twice (at least). Then answer the following or write the code as discussed in the video for</p> <ol style="list-style-type: none"> Add 1 to Sale, Add 2 to Sale Show the name, email and mobile of the person whose button was clicked Given an array of names, <ol style="list-style-type: none"> Show the names in an unordered list Sort the names in ascending or descending order depending on the button clicked Show the styles and change the styles for the person Jack Smith Given the names and marks of students in Maths and Computers <ol style="list-style-type: none"> Show the data in a table Highlight marks ≥ 75 and those ≤ 50 Highlight the students with total ≥ 150 or ≤ 100 Clear the highlights in b and c Sort the table on the field clicked in the header Add a remove button in each row. Clicking on that button removes the student What do we mean by DOM. Explain getElementById Explain the properties of the element - innerHTML and className.
Task 2	<p>Given an array of JSONs like</p> <pre>[{"name":"Jack","country":"USA","age":35}, {"name":"Amit","country":"India","age":38}, {"name":"Edward","country":"USA","age":41}, {"name":"Vishal","country":"India","age":30}, {"name":"Annie","country":"USA","age":27}, {"name":"Nick","country":"France","age":32}, {"name":"Francis","country":"France","age":44}, {"name":"Preeti","country":"India","age":25}, {"name":"Sophie","country":"France","age":29}, {"name":"Harpreet","country":"India","age":48}, {"name":"Bob","country":"USA","age":21}]</pre> <p>The functionality of each button is detailed below. The output on clicking the Show button is shown as a screenshot below the descriptions</p> <ol style="list-style-type: none"> Show - Show all the people Hide - Do not show anybody Sort by name - Show all the people sorted by name Sort by country - Show all the people sorted by country Sort by age - Show all the people sorted by age Sort by country and name - Show all the people sorted by country and within country sorted by name Sort by country and age - Show all the people sorted by country and within country sorted by age India - Show all the people with country as India USA - Show all the people with country as USA

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- j) France - Show all the people with country as France
 k) Style by country (Show the text in different colors) - people of different countries in different colors - India (blue), USA (green), France (red)
 l) Style by age (Show the text in different colors) - Show people in different colors depending on their age - ≤ 30 (green), >30 and ≤ 40 (blue), ≥ 40 (red)

List of People

- Jack, USA, 35
- Amit, India, 38
- Edward, USA, 41
- Vishal, India, 30
- Annie, USA, 27
- Nick, France, 32
- Francis, France, 44
- Preeti, India, 25
- Sophie, France, 29
- Harpreet, India, 48
- Bob, USA, 21

Task 3	Instead of a list output, show the outputs in a table format for each of the buttons in the above exercise.
Task 4.1	Show the persons in the array given in exercise 2 in a table with a header. Clicking on the header will sort the table in ascending order based on that column.
Task 4.2	The table styled on two parameters. The entire row is styled based on the country. The age cell is styled based on the age.
Task 4.3	Show the persons in the array given in exercise 2 in a table. Also add a remove button in each row. Clicking on remove will, remove that person from the array and show the updated output. Note that the styles should be maintained.
Task 4.4	Add another button in each row, Add 1 to Age. Clicking on the button will increase the age of that person by 1 year and show the updated output. Note that the styles should be maintained.
Task 5	<p>Watch the video carefully twice - https://youtu.be/TSK3RWuM8l0</p> <p>Then write the code as discussed in the video</p> <ol style="list-style-type: none"> Show the details of riders and feedback with the like button Add the remove button to the rows in the feedback table Likes and Dislikes

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Task 6

Contestants are taking part in a quiz show. In the quiz show you can get +2 or -1 depending on whether your answer was correct or not. Initially all the players have a score of 0. Note that the background color is different depending on whether the score of a contestant is 0, greater than 0 or less than 0.

You are given an array of JSON

```
[
  {name : "Einstein", score:0},
  {name : "Newton", score:0},
  {name : "Edison", score:0}
]
```

Welcome to the Quiz Show

Einstein 0 +2 -1

Newton 0 +2 -1

Edison 0 +2 -1

Welcome to the Quiz Show

Einstein 2 +2 -1

Newton -1 +2 -1

Edison 0 +2 -1

Welcome to the Quiz Show

Einstein 2 +2 -1

Newton 3 +2 -1

Edison -3 +2 -1

Task 7.1

Given an array of products, Show the products in a table as shown below.

```
[
  {prod:'Pepsi',price:15,stock:20},
  {prod:'Coke',price:18,stock:30},
  {prod:'Maggi',price:10,stock:35},
  {prod:'Nescafe',price:40,stock:10},
  {prod: 'Dairy Milk',price:30,stock:12},
  {prod: 'Frito Lays',price:20,stock:15}
]
```

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	<div><h3>List of Products</h3><table><thead><tr><th>Product</th><th>Price</th><th>Stock</th><th></th></tr></thead><tbody><tr><td>Pepsi</td><td>15</td><td>20</td><td>Add To Cart</td></tr><tr><td>Coke</td><td>18</td><td>30</td><td>Add To Cart</td></tr><tr><td>Maggi</td><td>10</td><td>35</td><td>Add To Cart</td></tr><tr><td>Nescafe</td><td>40</td><td>10</td><td>Add To Cart</td></tr><tr><td>Dairy Milk</td><td>30</td><td>12</td><td>Add To Cart</td></tr><tr><td>Frito Lays</td><td>20</td><td>15</td><td>Add To Cart</td></tr></tbody></table></div>	Product	Price	Stock		Pepsi	15	20	Add To Cart	Coke	18	30	Add To Cart	Maggi	10	35	Add To Cart	Nescafe	40	10	Add To Cart	Dairy Milk	30	12	Add To Cart	Frito Lays	20	15	Add To Cart																																												
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Task 7.2	<div><p>The cart is initially empty and hence it shows the text 'Cart is Empty'. Clicking on Add To Cart will add the item to the cart.</p><p>If the cart is not empty, it shows the count of the number of items in the cart and the total bill amount. If the same item is added more than once to the cart, the quantity of that item is increased by 1 each item.</p><p>See the screenshots below.</p><div><h3>List of Products</h3><table><thead><tr><th>Product</th><th>Price</th><th>Stock</th><th></th></tr></thead><tbody><tr><td>Pepsi</td><td>15</td><td>20</td><td>Add To Cart</td></tr><tr><td>Coke</td><td>18</td><td>30</td><td>Add To Cart</td></tr><tr><td>Maggi</td><td>10</td><td>35</td><td>Add To Cart</td></tr><tr><td>Nescafe</td><td>40</td><td>10</td><td>Add To Cart</td></tr><tr><td>Dairy Milk</td><td>30</td><td>12</td><td>Add To Cart</td></tr><tr><td>Frito Lays</td><td>20</td><td>15</td><td>Add To Cart</td></tr></tbody></table></div><div><h3>My Cart</h3><p>Cart is Empty</p></div><div><h3>List of Products</h3><table><thead><tr><th>Product</th><th>Price</th><th>Stock</th><th></th></tr></thead><tbody><tr><td>Pepsi</td><td>15</td><td>20</td><td>Add To Cart</td></tr><tr><td>Coke</td><td>18</td><td>30</td><td>Add To Cart</td></tr><tr><td>Maggi</td><td>10</td><td>35</td><td>Add To Cart</td></tr><tr><td>Nescafe</td><td>40</td><td>10</td><td>Add To Cart</td></tr><tr><td>Dairy Milk</td><td>30</td><td>12</td><td>Add To Cart</td></tr><tr><td>Frito Lays</td><td>20</td><td>15</td><td>Add To Cart</td></tr></tbody></table></div><div><h3>My Cart</h3><p>Number of items : 8 Bill Amount : 127</p><table><thead><tr><th>Product</th><th>Quantity</th><th>Price</th><th>Amount</th></tr></thead><tbody><tr><td>Pepsi</td><td>3</td><td>15</td><td>45</td></tr><tr><td>Coke</td><td>4</td><td>18</td><td>72</td></tr><tr><td>Maggi</td><td>1</td><td>10</td><td>10</td></tr></tbody></table></div></div>	Product	Price	Stock		Pepsi	15	20	Add To Cart	Coke	18	30	Add To Cart	Maggi	10	35	Add To Cart	Nescafe	40	10	Add To Cart	Dairy Milk	30	12	Add To Cart	Frito Lays	20	15	Add To Cart	Product	Price	Stock		Pepsi	15	20	Add To Cart	Coke	18	30	Add To Cart	Maggi	10	35	Add To Cart	Nescafe	40	10	Add To Cart	Dairy Milk	30	12	Add To Cart	Frito Lays	20	15	Add To Cart	Product	Quantity	Price	Amount	Pepsi	3	15	45	Coke	4	18	72	Maggi	1	10	10
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Task 7.3	<div><p>The cart also shows a button Remove from Cart which will remove the item from the cart.</p></div>																																																																								

See the screenshot below.

List of Products

Product	Price	Stock	
Pepsi	15	20	Add To Cart
Coke	18	30	Add To Cart
Maggi	10	35	Add To Cart
Nescafe	40	10	Add To Cart
Dairy Milk	30	12	Add To Cart
Frito Lays	20	15	Add To Cart

My Cart

Number of items : 7 Bill Amount : 112

Product	Quantity	Price	Amount	
Pepsi	2	15	30	Remove From Cart
Coke	4	18	72	Remove From Cart
Maggi	1	10	10	Remove From Cart