JS - Credit card validation

Design an HTML page to perform phone number and credit card validation using javascript as shown in the screenshot.

Sample Screenshot 1:

Phone Number & Card Validation —— h3 tag

Enter your Phone Number : [_____] —— id="phoneNumber"
                                             onkeydown="checkPhoneNumber()"
Enter your Card Number : [_____] —— id="cardNumber"
                                            onkeydown="checkCardNumber()"

[Validate] —— id="validate"
               onclick="validate()"

Sample Screenshot 2 :

If the phone number contains anything other than digits it must print 'Phone number must contain only digits' in the div with id 'phoneNumber_Warning'.

Phone Number & Card Validation

Enter your Phone Number : [abc____] | Phone number must contains only digits |
Enter your Card Number : [_____]
                                              div with id="phoneNumber_Warning"

[Validate]

Sample Screenshot 3 :

If the card number contains other than digits it must print 'Card number must contain only digits' in the div with id 'cardNumber_Warning'.

Phone Number & Card Validation

Enter your Phone Number : 9842909616

Enter your Card Number : abc   Card number must contains only digits

Validate

div with id="cardNumber_Warning"

Sample Screenshot 4 :

Phone Number & Card Validation

Enter your Phone Number : abc   Phone number must contains only digits

Enter your Card Number : abc   Card number must contains only digits

Validate

Sample Screenshot 5 :

If the Phone number does not contain 10 digits it must print 'Phone Number must be 10 digits' in the div with id 'phoneNumber_Warning'.

Phone Number & Card Validation

Enter your Phone Number : 9845232   Phone Number must be 10 digits

Enter your Card Number : 7894551213278556

Validate

div with id="phoneNumber_Warning"

Sample Screenshot 6 :

If the card number does not contain 16 digits it must print 'Card Number must be 16 digits' in the div with id 'cardNumber_Warning'.

Phone Number & Card Validation

Enter your Phone Number : 9845232878

Enter your Card Number : 7894551   Card Number must be 16 digits

Validate

div with id="cardNumber_Warning"

Sample Screenshot 7 :

If both phone and card numbers are validated, then print 'Details stored in database' in the div with id 'success'

Phone Number & Card Validation

Enter your Phone Number : 9842909616

Enter your Card Number : 9895420062209496

Validate

Details stored in database —— id="success"

Note :

Content of the page should be present as shown in the screenshot.
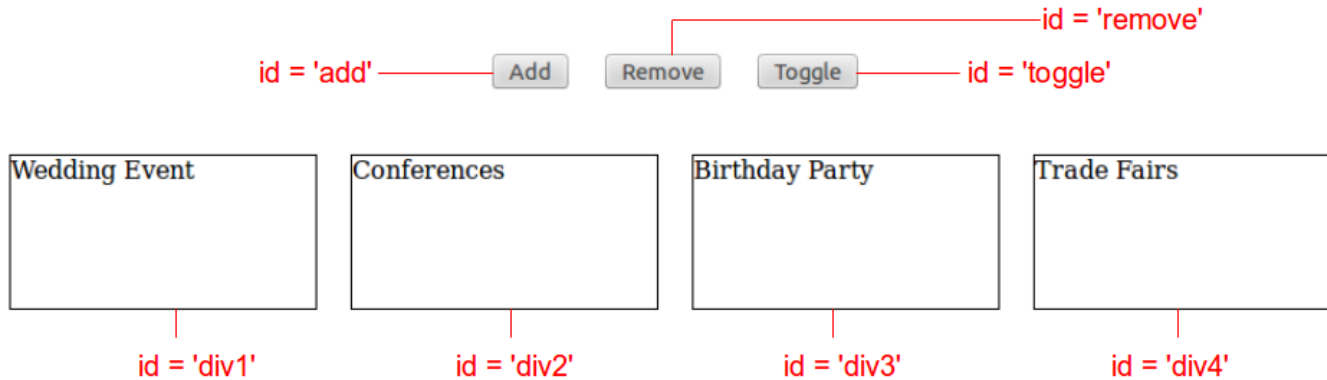
Question 2:

JS - Add / Remove class

Design an HTML page to display the effects using Javascript as shown in the screenshots.

> **Hints : classList property**
>
> The classList property returns the class name(s) of an element , as a DOMTokenList object. This property is useful to add, re move and toggle CSS classes on an element. The classList prope rty is read-only, however, you can modify it by using the add( ) and remove() methods. Syntax : element = document.getElemen tById("idName"); element.classList.add("classProperty"); Simil arly, remove() and toggle() methods were used.
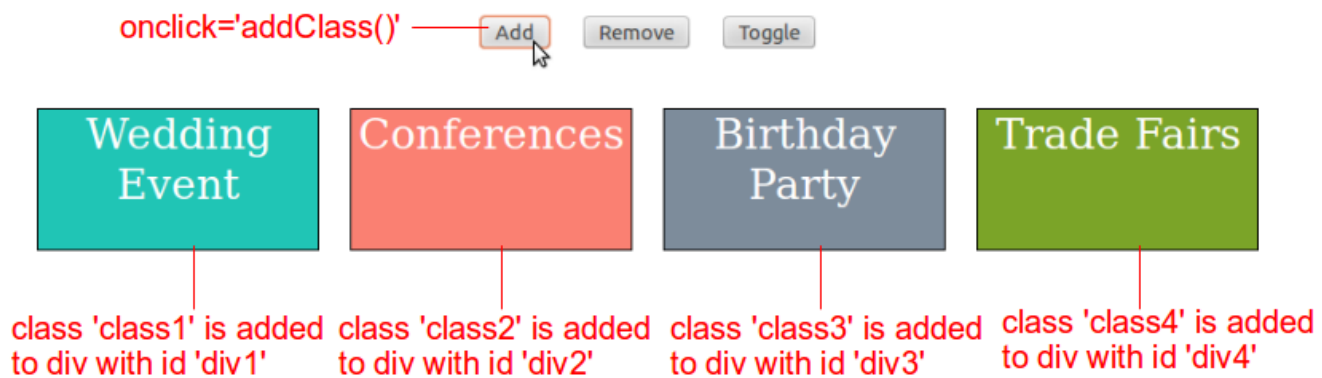
Sample Screenshot 1 :

Pink Frag Event Organization ——h1 tag

—id = 'remove'

id = 'add' ——— Add   Remove   Toggle ——— id = 'toggle'

| Wedding Event | Conferences | Birthday Party | Trade Fairs |

id = 'div1'   id = 'div2'   id = 'div3'   id = 'div4'

Sample Screenshot 2 :

Pink Frag Event Organization

onclick='addClass()' ——— Add   Remove   Toggle

| Wedding Event | Conferences | Birthday Party | Trade Fairs |

class 'class1' is added   class 'class2' is added   class 'class3' is added   class 'class4' is added
to div with id 'div1'   to div with id 'div2'   to div with id 'div3'   to div with id 'div4'

Sample Screenshot 3 :

Use width attribute for all the div is '200px'

Pink Frag Event Organization

onclick='removeClass()'

Add　Remove　Toggle

Wedding Event	Conferences	Birthday Party	Trade Fairs

class 'class1' is removed from the div with id 'div1'　　class 'class2' is removed from the div with id 'div2'　　class 'class3' is removed from the div with id 'div3'　　class 'class4' is removed from the div with id 'div4'

Sample Screenshot 4 :

Pink Frag Event Organization

Add　Remove　Toggle ——onclick='toggleClass()'

Wedding Event	Conferences	Birthday Party	Trade Fairs
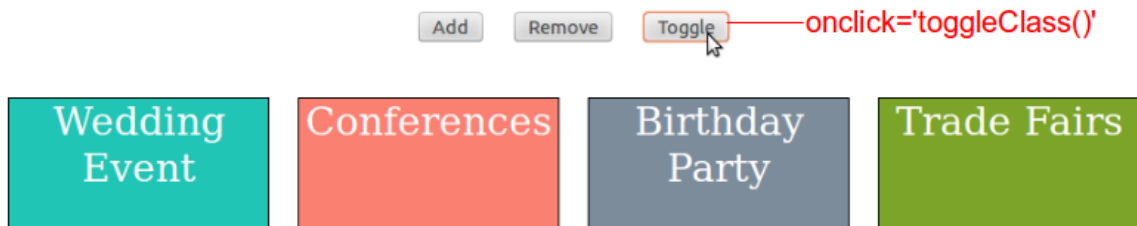
Sample Screenshot 5 :

Pink Frag Event Organization

Add　Remove　Toggle ———onclick='toggleClass()'

Wedding Event	Conferences	Birthday Party	Trade Fairs

Constraints :

Design the HTML page as given in the sample screenshot1.
The onClick functions should be specified the same as given in the screenshot.
Use add, remove and toggle methods.

Initially all div should be present with the below style
    border - 1px solid black
    width - 200px
    height - 100px
    background-color - none
    text-align - left

The class 'class1' should be present with the below style
    font-size - 30px
    background color - #20c5b5
    color - white
    text-align - center

The class 'class2' should be present with the below style
    font-size - 30px
    background-color - #FA8072
    color - white
    text-align - center

The class 'class3' should be present with the below style
    font-size - 30px
    background color - #7d8c9b
    color - white
    text-align - center

The class 'class4' should be present with the below style
    font-size - 30px
    background color - #7ba428
    color - white
    text-align - center

Conditions :

When clicking the Add button, apply effects for all the div's.
When clicking the Remove button, remove effects for all the div's.
When clicking the Toggle button, remove the applied effect if it has effects and vice versa.

Note :

Content of the page should be present as shown in the screenshot.
Kindly refer to the content which is given as a part of the description.

Event Management – JS Push & Pop

Write a function for popping the details from the list of events and pushing the details to the list of events. Display custom messages during every push and pop function.

The push() method adds new items to the end of an array and returns the new length. The new items will be added at the end of the array. The pop() method removes the last element of an array and returns that element. **Syntax :** array.push(item1, item2, ..., itemX) array.pop()

Sample Screenshot :

Events List

Enter the Events: [   ]

[Push]   [Pop]   [Display]

Constraints :

Events List

Enter the Events: | Wedding | — id = 'input'

id = 'push' — | Push | | Pop | | Display | — id = 'display'

| Pop | — id = 'pop'

Events List

Enter the Events: | |

onClick "pushElements()" — | Push | | Pop | | Display |

Added Successfully

onClick "popElements()"

div with id 'events'

Events List

Enter the Events: | Birthday party |

| Push | | Pop | | Display |

Events List

Enter the Events: [   ]

[Push] [Pop] [Display]

Added Successfully

Events List

Enter the Events: [   ]

[Push] [Pop] [Display] ——onclick = 'display()'

The Events in the array

- Wedding

- Conference

- Birthday party

——id = 'events'

Events List

Enter the Events: [   ]

onclick = 'popElements'

[Push] [Pop] [Display]

Removed Successfully——————id = 'events'

Events List

Enter the Events: [   ]

[Push] [Pop] [Display] ——— onclick = 'display()'

The Events in the array ——— id = 'events'

- Wedding

- Conference

Events List

Enter the Events: [   ]

[Push] [Pop] [Display]

Event array is empty

Additional Constraints :

Design the HTML page as given in the sample screenshot.
Refer to the screenshot for id, tag, and function name specifications.

Use **push()** and **pop()** method for adding and deleting the events in an array respectively.
If there are currently no events in the array while clicking the display button, display the custom message 'Event array is empty'

Note :

Content of the page should be present as shown in the screenshot.
Kindly refer to the content which is given as a part of the description.