**1)Load query:**

window.onload = function() {

if (window.jQuery) {

// jQuery is loaded

document.getElementById('msg').innerHTML = "jQuery is loaded!!!";

} else {

// jQuery is not loaded

document.getElementById('msg').innerHTML = "jQuery is not loaded!!!";

}

}

**2)welcome message:**

var n=document.getElementById("txt");

$('#btnId').click(function() {

var res="Welcome "+n.value+"!";

var ele="\""+res+"\"";

document.getElementById("address").innerHTML=ele;

});

**3)Three Divisions:**

$("#button1").click(function(){

$("div[name$='Intelligence']" ).css("background-color", "yellow");

});

**4)select the boxes:**

var $checkboxes = $('#form input[type="checkbox"]');

$checkboxes.change(function(){

var counter = $checkboxes.filter(':checked').length;

if(counter == 1){

$('#result').text(counter +' box is checked');

}

else {

$('#result').text(counter +' boxes are checked');

}

});

**5)customer data:**

$(".add-row").click(function(){

var name = $("#name").val();

var markup = "<tr><td><input type='checkbox'name='record'></td><td>" + name + "</td></tr>";

$("table tbody").append(markup);

});

$(".delete-row").click(function(){

$("table tbody").find('input[name="record"]').each(function(){

if($(this).is(":checked")){

$(this).parents("tr").remove();

}

});

});

**6)vertical menu:**

$(function(){

$("#each\_ex").click(function(){

$(".men\_ex ul li a").css("background-color","red");

$("#list li").each(function(){

var textdiv=$(this).text();

$("#msg\_ex").append(textdiv);

$("#msg\_ex").append("<br>");

})

});

});

7)Get json data:

$("#btn-id").click(function(){

$.getJSON("https://reqres.in/api/users?page=2",function(json){

$("#data-id").html('')

json.data.forEach(function(jd){

$("#data-id").append(jd.id+"--"+jd.email+'<br>');

})

});

});

**8)Error message:**

$("#btn-id").click(function(){

$.ajax('employee.json',

{

error:function(data,status,xhr){

$('#err-id').append("Error Message: Not found");

}

});

});

**9)Login form:**

**Login.html:**

<!-- DO NOT CHANGE THE GIVEN TEMPLATE. ONLY ADD NECESSARY CLASSES TO THE REQUIRED BUTTONS. -->

<!DOCTYPE HTML>

<html>

<head>

<title>Login</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>

<style>

.input1{

padding: 10px;

}

.gh{

padding:20px;padding-left:350px;padding-right:350px;

}

#signup\_div{

display:none;

}

</style>

</head>

<body class="container gh" id="body" >

<div class="panel" style="background-color:#d8d8d8;padding-bottom:20px;" id="home">

<center>

<form id="login\_form" action="success.htm" >

<input class="btn btn-info" type="button" value="Login" id="login">

<input class="btn btn-info" type="button" value="Signup" id="signup">

</form>

<div id="login\_div">

<form>

<div class="input1">

<input type="text" id="email" placeholder="Email" class="form-control" required="required"/></div>

<div class="input1">

<input type="password" id="password" pattern={a-zA-Z0-9}{6,} class="form-control" placeholder="Password" required="required"/>

</div>

<input type="submit" class="btn btn-primary" value="Submit" id="submit"/>

</form>

</div>

</center>

</div>

<div id="signup\_div" class="panel" style="background-color:#d8d8d8;padding-bottom:90px;">

<form>

<table align="center" style="padding-top:100px;">

<tr><td colspan="4"><b>Name\*</b></td></tr>

<tr><td colspan="4"><input type="text" id="name" class="form-control" required="required"/></td></tr>

<tr><td><b>Gender\*</b><br><select id="gender" class="form-control">

<option value="none">None</option>

<option value="male">Male</option>

<option value="female">Female</option>

</select></td>

<td></td>

<td><b>Age\*</b><br><input type="number" id="age" class="form-control" required="required" size="1px"></td>

</tr>

<tr><td><b>Password\*</b></td></tr>

<tr><td><input type="password" id="pass" placeholder="Minimum 6 Character" class="form-control" required="required"/></td></tr>

<tr><td><b>Confirm-Password\*</b></td></tr>

<tr><td><input type="password" id="conpass" class="form-control" required="required"/></td></tr>

<tr><td></tr>

<tr>

<td align="center" style="padding-left:100px;padding-top:20px;" ><input class="btn btn-primary" type="submit" value="submit" />

<input class="btn btn-primary" type="reset" value="Reset" /></td></tr>

</table>

</form>

<script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>

<script src="login.js"> </script>

</div>

</body>

</html>

**Login.js:**

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

$("#signup\_div").toggle();

});

10)Alternative rows:

$(function(){

$("tr:even").css({"background-color":"lightpink"});

$("tr:odd").css({"background-color":"lightblue"});

$('caption').css({'background-color':'lightblue'});

});

**11)Icecream flavours:**

$(function(){

$("p.icecream").css({'color':'orange'});

$("p").css({'color':'orange','font-size':'50%'});

$(".flavours").css({'background-color':'lightblue','font-size':'120%'});

$("ul li:odd").css({'background-color':'orange'});

$("ul li:even").css({'background-color':'lightblue'});

});