

**Name : chaudhari krishana s.**

**Div : G      Rollno: 202233046**

Q:-1 Create an XML file for Employee consisting of Emp\_no, Emp\_Name, Age, Designation, Salary, Department. Enter at least 10 records.

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <script src="../jquery-3.6.3.min.js"></script>

    <script>

        $(document).ready(function () {

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

                $("#demo").load("krish.txt")

            });

        });

    </script>

    <style>

        table,

        th,

        td {

            border: 1px solid black;

            border-collapse: collapse;

        }

        th,

        td {

            padding: 5px;

        }

    </style>

    <title>Document</title>

</head>

<body>
```

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```
<h1>employee records</h1>

<button id="btn" onclick="emprecord()"><h3>click me !</h3></button><br><br>

<table id="demo"></table>

</body>

<script>

function emprecord() {

    var xmlhttp = new XMLHttpRequest();

    xmlhttp.open("GET", "index.xml", true);

    xmlhttp.send();

        xmlhttp.onreadystatechange = function () {

            if (this.readyState == 4 && this.status == 200) {

                //document.getElementById("demo").innerHTML=xmlhttp.responseText;

                myFunction(this)

            }

        };

    }

    function myFunction(xml) {

var i;

var xmlDoc = xml.responseXML;

var table =
"<tr><th>emp_no</th><th>emp_name</th><th>age</th><th>desg</th><th>salary</th><th>dept</th></tr>";

var x = xmlDoc.getElementsByTagName("employee");

for (i = 0; i < x.length; i++) {

    table += "<tr><td>" +

        x[i].getElementsByTagName("emp_no")[0].childNodes[0].nodeValue +

        "</td><td>" +

        x[i].getElementsByTagName("emp_name")[0].childNodes[0].nodeValue +

        "</td><td>" +

        x[i].getElementsByTagName("age")[0].childNodes[0].nodeValue +

        "</td><td>" +

        x[i].getElementsByTagName("desg")[0].childNodes[0].nodeValue +

        "</td><td>" +
```

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```
        x[i].getElementsByTagName("salary")[0].childNodes[0].nodeValue +
        "</td><td>" +
        x[i].getElementsByTagName("dept")[0].childNodes[0].nodeValue +
        "</td></tr>" ;
    }
    document.getElementById("demo").innerHTML = table;
}
</script>
</html>
```

<?xml version="1.0" encoding="UTF-8"?>

<employee\_record>

<employee>

<emp\_no>101</emp\_no>

<emp\_name>vivek</emp\_name>

<age>20</age>

<desg>owner</desg>

<salary>50000</salary>

<dept>it</dept>

</employee>

<employee>

<emp\_no>102</emp\_no>

<emp\_name>krish</emp\_name>

<age>20</age>

<desg>manager</desg>

<salary>50000</salary>

<dept>it</dept>

</employee>

<employee>

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```
<emp_no>103</emp_no>
<emp_name>preet</emp_name>
<age>19</age>
<desg>employee</desg>
<salary>12000</salary>
<dept>it</dept>
</employee>
```

```
<employee>
  <emp_no>104</emp_no>
  <emp_name>ruhi</emp_name>
  <age>27</age>
  <desg>hr</desg>
  <salary>40000</salary>
  <dept>it</dept>
</employee>
```

```
<employee>
  <emp_no>105</emp_no>
  <emp_name>om</emp_name>
  <age>18</age>
  <desg>employee</desg>
  <salary>16000</salary>
  <dept>it</dept>
</employee>
```

```
<employee>
  <emp_no>106</emp_no>
  <emp_name>ram</emp_name>
  <age>26</age>
  <desg>employee</desg>
```

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```
<salary>8000</salary>
<dept>it</dept>
</employee>
```

```
<employee>
  <emp_no>107</emp_no>
  <emp_name>fenil</emp_name>
  <age>20</age>
  <desg>assitentmanager</desg>
  <salary>5000</salary>
  <dept>it</dept>
</employee>
```

```
<employee>
  <emp_no>108</emp_no>
  <emp_name>henil</emp_name>
  <age>23</age>
  <desg>employee</desg>
  <salary>5600</salary>
  <dept>it</dept>
</employee>
```

```
<employee>
  <emp_no>109</emp_no>
  <emp_name>rahil</emp_name>
  <age>25</age>
  <desg>employee</desg>
  <salary>6000</salary>
  <dept>it</dept>
</employee>
```

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<employee>

<emp\_no>110</emp\_no>

<emp\_name>rahul</emp\_name>

<age>29</age>

<desg>assitentmanager</desg>

<salary>40000</salary>

<dept>it</dept>

</employee>

</employee\_record>

OUTPUT:-

## **employee records**

**click me !**

<b>emp_no</b>	<b>emp_name</b>	<b>age</b>	<b>desg</b>	<b>salary</b>	<b>dept</b>
101	vivek	20	owner	50000	it
102	krish	20	manager	50000	it
103	preet	19	employee	12000	it
104	ruhi	27	hr	40000	it
105	om	18	employee	16000	it
106	ram	26	employee	8000	it
107	fenil	20	assitentmanager	5000	it
108	henil	23	employee	5600	it
109	rahil	25	employee	6000	it
110	rahul	29	assitentmanager	40000	it

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Q:-2 Create a Basic calculator with +, -, \*, / operations using jQuery events and methods. Take A and B input in Textbox and display the Answer on a label.

```
<html>

<head>

<title>

    Simple Calculator

</title>

<style>

    *{

        margin: 0;

        padding: 0;

        box-sizing: border-box;

    }

    body{

        height: 100%;

        background-color: #066acd;

    }

    .container{

        width: 40%;

        min-width: 450px;
```

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```
position: absolute;
transform: translate(-50%, -50%);
top: 50%;
left: 50%;
background: white;
min-height: 100px;
border-radius: 10px;
}
```

```
#txtNo1{
width: 75%;
height: 45px;
margin-top: 10px;
font-family: 'poppins',sans-serif;
font-size: 15px;
border: 2px solid #d1d3d4;
color: #111111;
font-weight: 500;
position: relative;
border-radius: 5px;
}
```

```
.hhh{
margin-top: 10px;
}
```

```
#txtNo2{
width: 75%;
margin-top: 10px;
height: 45px;
font-family: 'poppins',sans-serif;
font-size: 15px;
border: 2px solid #d1d3d4;
color: #111111;
```



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```
font-weight: 500;

position: relative;

border-radius: 5px;
}

.button{

margin-top: 10px;

display: flex;

justify-content: space-around;
}

#btnAdd{

position: relative;

width: 20%;

height: 45px;

border-radius: 5px;

font-family: 'poppins',sans-serif;

font-weight: 500;

font-size: 16px;

border: 4px solid black;

/* background-color: #ad12dd; */

background-color: #0d75ec;

border: none;

color: white;

outline: none;
}

#btnSubstract{

position: relative;

width: 20%;

height: 45px;

border-radius: 5px;

font-family: 'poppins',sans-serif;

font-weight: 500;
```

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```
font-size: 16px;

border: 4px solid black;

/* background-color: #ad12dd; */

background-color: #0d75ec;

border: none;

color: white;

outline: none;

}

#btnMultiply{

    position: relative;

    width: 20%;

    height: 45px;

    border-radius: 5px;

    font-family: 'poppins',sans-serif;

    font-weight: 500;

    font-size: 16px;

    border: 4px solid black;

    /* background-color: #ad12dd; */

    background-color: #0d75ec;

    border: none;

    color: white;

    outline: none;

}

#btnDivide{

    position: relative;

    width: 20%;

    height: 45px;

    border-radius: 5px;

    font-family: 'poppins',sans-serif;

    font-weight: 500;

    font-size: 16px;
```

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```
border: 4px solid black;

/* background-color: #ad12dd; */

background-color: #0d75ec;

border: none;

color: white;

outline: none;

}

</style>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.0/jquery.min.js"></script>

<script>

//cdn//

$(document).ready(function(){

    $("#btnAdd").on('click',function(){

        Add();

    });

    $("#btnSubstract").on('click',function(){

        Substract();

    })

    $("#btnMultiply").on('click',function(){

        Multiply();

    })

    $("#btnDivide").on('click',function(){

        Divide();

    })

});

function Add(){

    var no1=parseInt($("#txtNo1").val());

    var no2=parseInt($("#txtNo2").val());

    var result =no1+no2;

    alert("The result is "+result);

}
```

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```
function Subtract(){
    var no1=parseInt($("#txtNo1").val());
    var no2=parseInt($("#txtNo2").val());
    var result =no1-no2;
    alert("The result is "+result);
}

function Multiply(){
    var no1=parseInt($("#txtNo1").val());
    var no2=parseInt($("#txtNo2").val());
    var result =no1*no2;
    alert("The result is "+result);
}

function Divide(){
    var no1=parseInt($("#txtNo1").val());
    var no2=parseInt($("#txtNo2").val());
    var result =no1/no2;
    alert("The result is "+result);
}

</script>

</head>

<body>

    <div class="container">

        <h2 class="hhh">First Number:- </h2><input type="text" id="txtNo1" placeholder="Enter first
number"><br>

        <h2 class="hhh">Second Number:- </h2><input type="text" id="txtNo2" placeholder="Enter second
number"><br>

        <div class="button">

            <input type="button" id="btnAdd" value="Add">

            <input type="button" id="btnSubtract" value="Subtract">

            <input type="button" id="btnMultiply" value="Multiply">

            <input type="button" id="btnDivide" value="Divide">

        </div>

    </div>
```

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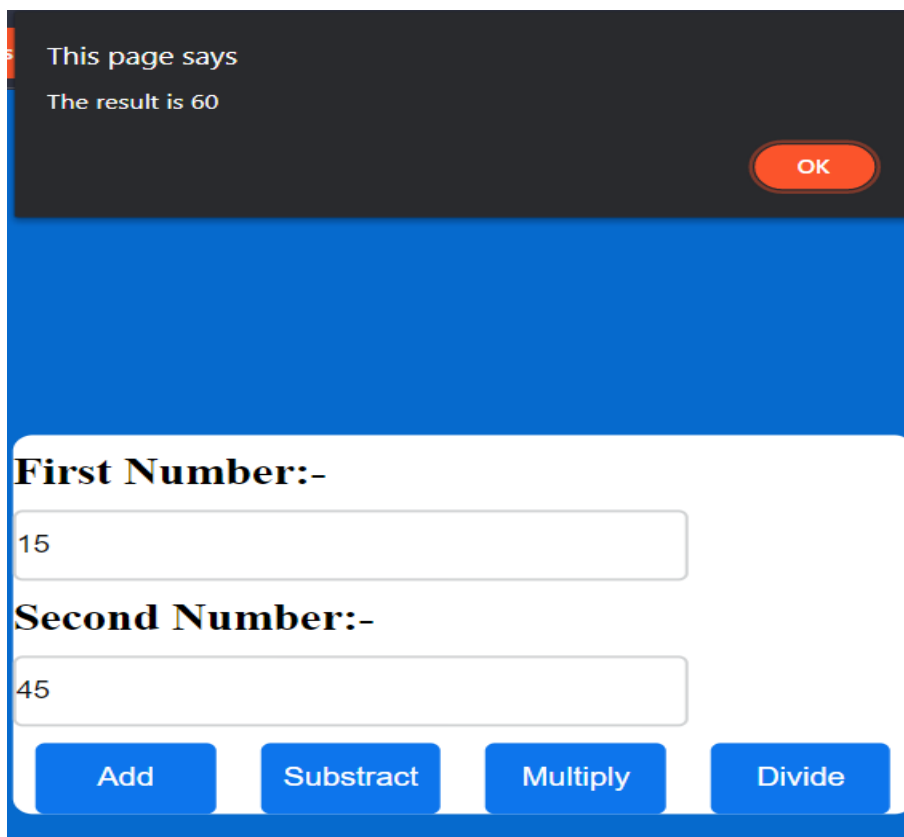
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</div>

</body>

</html>

Output:-



The screenshot shows a web application interface. At the top, a dark grey notification box contains the text "This page says" and "The result is 60", with an "OK" button on the right. Below this is a large blue header area. The main content area has a white background with rounded corners. It contains two labels: "First Number:-" and "Second Number:-". Under "First Number:-" is a text input field containing the value "15". Under "Second Number:-" is a text input field containing the value "45". At the bottom of the white area are four blue buttons labeled "Add", "Substract", "Multiply", and "Divide".

Q:-3 Create an HTML Registration form with all basic fields and perform validation using jQuery Events and Effects. Also display proper validation messages in red colour and green colour Hint: (Use blur(), focus(),hover(),click(),keypress(),on()methods)

<html>

<head>

<title>

jQuery validation Example 3

</title>

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```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<head>
```

```
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
```

```
<style>
```

```
form div {
```

```
    margin-bottom: 10px;
```

```
}
```

```
.error {
```

```
    color: red;
```

```
    margin-left: 5px;
```

```
}
```

```
h2 {
```

```
    font-weight: bold;
```

```
    margin-bottom: 2.5rem;
```

```
    color: #fff;
```

```
    align: center;
```

```
    font-size: 30px;
```

```
    margin-top: 2.5rem;
```

```
}
```

```
[type="submit"] {
```

```
    display: inline-block;
```

```
    padding: 0.35em 1.2em;
```

```
    border: 0.1em solid #3494e6;
```

```
    margin: 0 0.3em 0.3em 0;
```

```
    border-radius: 0.12em;
```

```
    box-sizing: border-box;
```

```
    text-decoration: none;
```

```
    font-family: 'Roboto', sans-serif;
```

```
    font-size: 1rem;
```

```
    text-align: center;
```

```
    transition: all 0.2s;
```

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```
var first_name = $('#first_name').val();
var last_name = $('#last_name').val();
var email = $('#email').val();
var password = $('#password').val();
var number = $('#number').val();

$(".error").remove();

if (first_name.length < 1) {
    $('#first_name').after('<span class="error">This field is required</span>');
}

if (number.length < 1) {
    $('#number').after('<span class="error">This field is required</span>');
}

if (last_name.length < 1) {
    $('#last_name').after('<span class="error">This field is required</span>');
}

if (email.length < 1) {
    $('#email').after('<span class="error">This field is required</span>');
} else {
    var regEx = /^[A-Z0-9][A-Z0-9._%+-]{0,63}@(?:[A-Z0-9-]{1,63}\.){1,125}[A-Z]{2,63}$/;
    var validEmail = regEx.test(email);
    if (!validEmail) {
        $('#email').after('<span class="error">Enter a valid email</span>');
    }
}

if (password.length < 8) {
    $('#password').after('<span class="error">Password must be at least 8 characters long</span>');
}

});

$('#form[id="second_form"]').validate({
    rules: {
```



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```
    fname: 'required',
    lname: 'required',
    user_email: {
      required: true,
      email: true,
    },
    psword: {
      required: true,
      minlength: 8,
    }
  },
  messages: {
    fname: 'This field is required',
    lname: 'This field is required',
    user_email: 'Enter a valid email',
    psword: {
      minlength: 'Password must be at least 8 characters long'
    }
  },
  submitHandler: function(form) {
    form.submit();
  }
});
});
</script>
<body>
<center>
<!-- First Form -->
<h2> Registration Form </h2>
<form id="first_form" method="post" action="">
  <div>
```

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```
<label for="first_name"> Enter First Name: </label>

<input type="text" id="first_name" name="first_name"></input>

</div>

<div>

<label for="last_name"> Enter Last Name: </label>

<input type="text" id="last_name" name="last_name"></input>

</div>

<div>

<label for="last_name"> Enter Number: </label>

<input type="text" id="number" name="number">

</div>

<div>

<label for="email"> Enter Email: </label>

<input type="email" id="email" name="email"></input>

</div>

<div>

<label for="password"> Enter Password: </label>

<input type="password" id="password" name="password"></input>

</div>

<div>

<label for="password"> Confirm Password: </label>

<input type="password" id="password" name="password"></input>

</div>

<div>

<input type="submit" value="Submit" />

</div>

</form>

</center>

</body>

</html>
```

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Output:-

**Registration Form**

Enter First Name:

Enter Last Name:

Enter Number:  This field is required

Enter Email:  This field is required

Enter Password:  Password must be at least 8 characters long

Confirm Password:

**Q:-4 Perform the following:**

1. Find the total width of an element (including width, padding, and border) in jQuery
2. Restricts “number”-only input for textboxes including decimal points.
3. Change the button text using jQuery.
4. Remove all CSS classes using jQuery.
5. Select value from JSON object using jQuery.

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6. Add the list elements within unordered list elements using jQuery.
7. Delete all table rows except first one using jQuery.
8. Get the selected value and currently selected text of a dropdown box using jQuery.
9. Demonstrate speed parameter (duration) in slide-up and slide-down
10. Hide and show student information using jQuery on single button click.

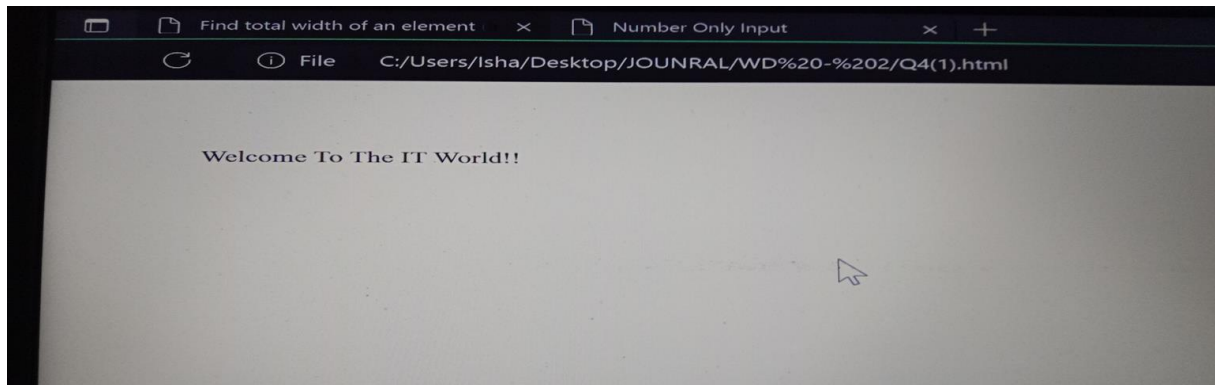
1. Find the total width of an element in jQuery

```
<!DOCTYPE html>
<html>
<head>
<script src="C:\Users\Isha\Desktop\JOURNAL\WD - 2\jquery-3.5.1.min.js"></script>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width">
<title>Find total width of an element (including width, padding and border) in jQuery.</title>
</head>
<style type="text/css">
    p {
        padding-top: 50px;
        padding-right: 30px;
        padding-bottom: 50px;
        padding-left: 80px;
    }
</style>
<script type="text/javascript">
    console.log("Width + padding + borders : " + $("#myText").outerWidth());
</script>
<body>
<p id="myText">Welcome To The IT World!!</p>
</body>
</html>
```

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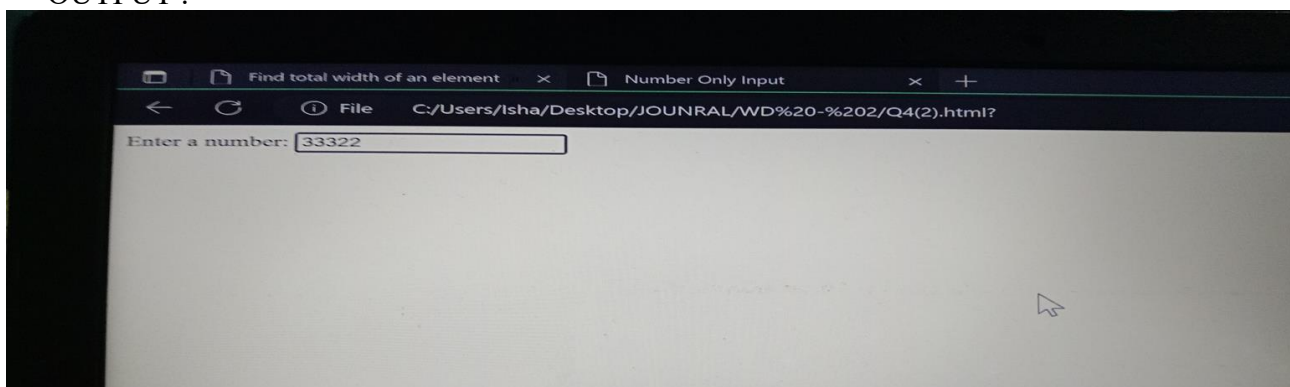
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2. Restricts “number”-only input for textboxes including decimal points

```
<script src="C:\Users\Isha\Desktop\JOURNAL\WD - 2\jquery-3.5.1.min.js"></script>
<form>
  <label for="number-input">Enter a number:</label>
  <input type="text" id="number-input">
</form>
<script>
$(document).ready(function() {
  // Restrict input to numbers and decimal points
  $("#number-input").on("input", function() {
    this.value = this.value.replace(/[^0-9.]/g, "");
  });
});
</script>
```

OUTPUT :



3. Change the button text using jQuery

```
$("#example").text("New Text");
```

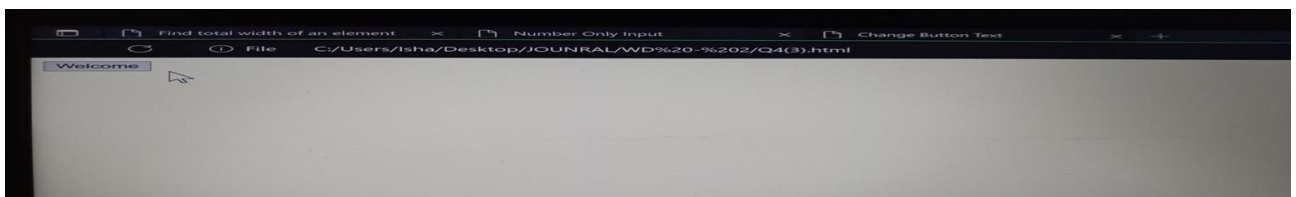
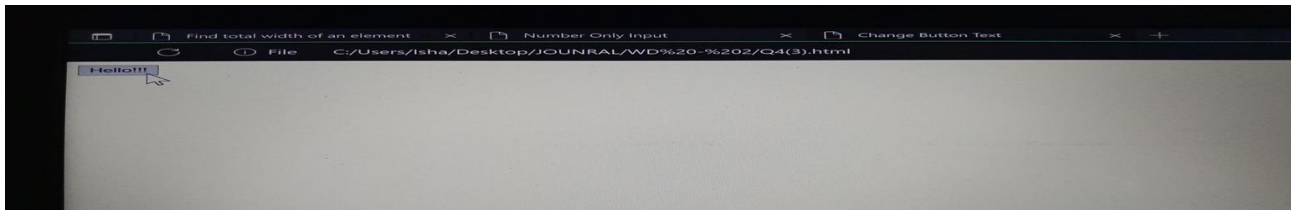
```
<!DOCTYPE html>
<html>
<head>
  <title>Change Button Text</title>
  <script src="C:\Users\Isha\Desktop\JOURNAL\WD - 2\jquery-3.5.1.min.js"></script>
```

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```
</head>
<body>
  <button id="my-button"> Hello!!! </button>
  <script>
    $(document).ready(function() {
      // Change button text
      $("#my-button").click(function() {
        $(this).text("Welcome");
      });
    });
  </script>
</body>
</html>
```

OUTPUT :



4. Remove all CSS classes using jQuery

```
$("#example").removeClass();
```

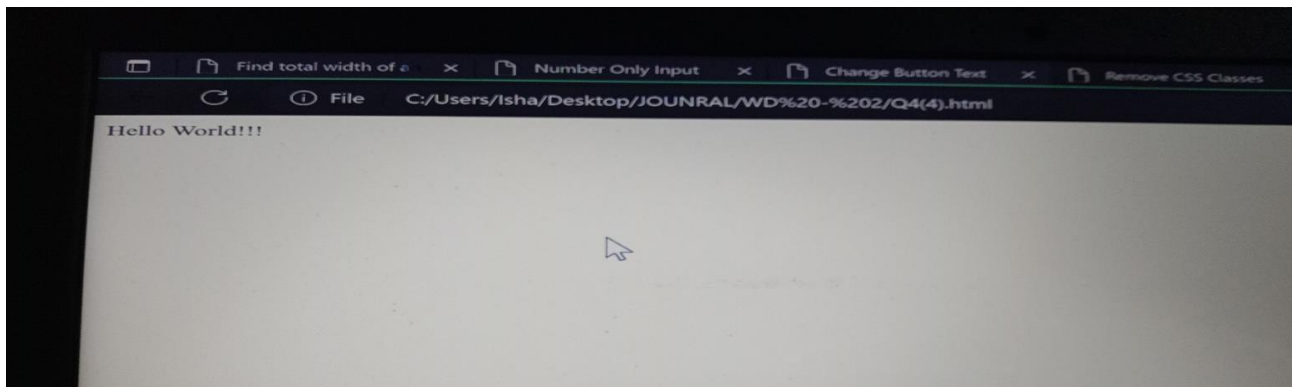
```
<!DOCTYPE html>
<html>
<head>
  <title>Remove CSS Classes</title>
  <script src="C:\Users\Isha\Desktop\JOURNAL\WD - 2\jquery-3.5.1.min.js"></script>
  <style>
    .my-class {
      color: blue;
    }
  </style>
</head>
<body>
  <div id="my-div" class="my-class"> Hello World!!! </div>
  <script>
    $(document).ready(function() {
      // Remove all CSS classes
      $("#my-div").removeClass();
    });
  </script>
</body>
</html>
```

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```
});  
</script>  
</body>  
</html>
```

OUTPUT:



5. Select value from JSON object using jQuery

```
$.getJSON("example.json", function(data){  
    var name = data.name;  
});
```

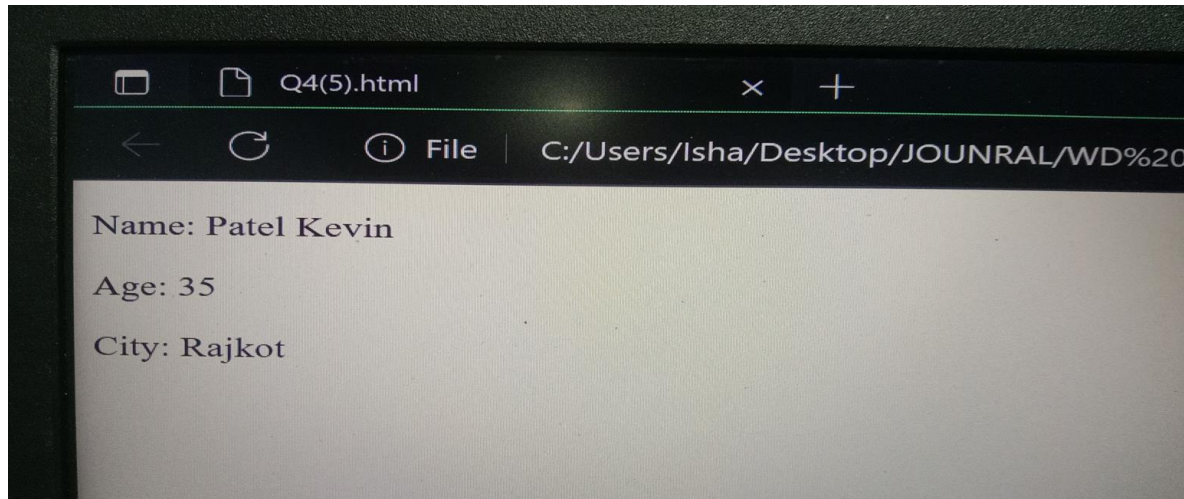
```
<!DOCTYPE html>  
<html>  
<head>  
    <script src="C:\Users\Isha\Desktop\JOUNRAL\WD - 2\jquery-3.5.1.min.js"></script>  
    <script>  
        $(document).ready(function(){  
            var json = {  
                "name": "Patel Kevin",  
                "age": 35,  
                "city": "Rajkot"  
            };  
            var name = json.name;  
            var age = json.age;  
            var city = json.city;  
  
            $("#name").text(name);  
            $("#age").text(age);  
            $("#city").text(city);  
        });  
    </script>  
</head>  
<body>  
    <p>Name: <span id="name"></span></p>  
    <p>Age: <span id="age"></span></p>
```

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```
<p>City: <span id="city"></span></p>
</body>
</html>
```

OUTPUT :



6. Add the list elements within unorderedlist elements using jQuery  
\$("#example").append("<li>New List Item</li>");

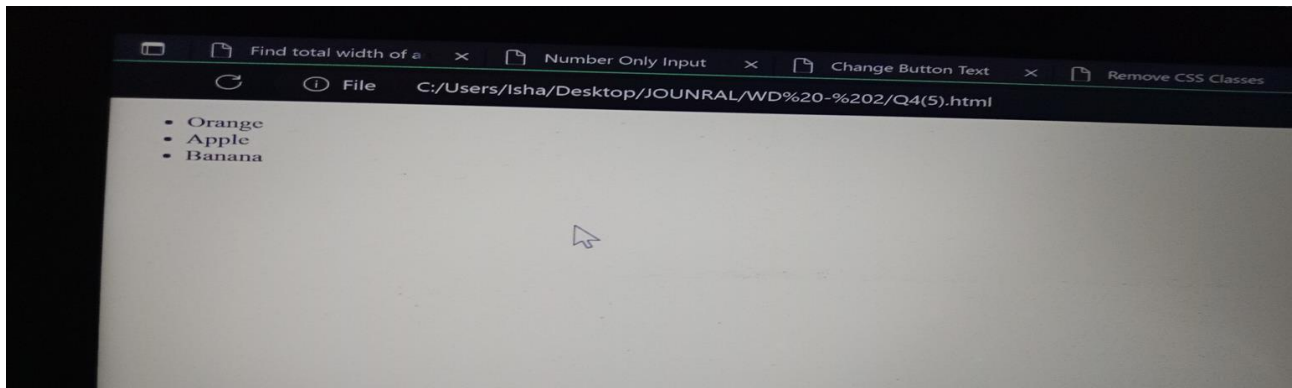
```
<!DOCTYPE html>
<html>
<head>
  <title>Add List Elements</title>
  <script src="C:\Users\Isha\Desktop\JOURNAL\WD - 2\jquery-3.5.1.min.js"></script>
</head>
<body>
  <ul id="my-list"></ul>
  <script>
    $(document).ready(function() {
      // Add list elements
      var items = ["Orange", "Apple", "Banana"];
      for (var i = 0; i < items.length; i++) {
        $("#my-list").append("<li>" + items[i] + "</li>");
      }
    });
  </script>
</body>
</html>
```

OUTPUT :



Name : chaudhari krishana s.

Div : G Rollno: 202233046



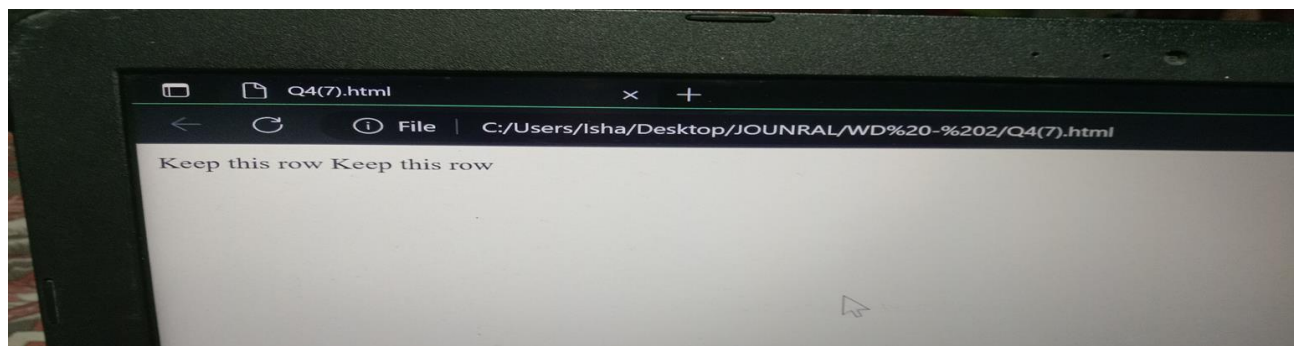
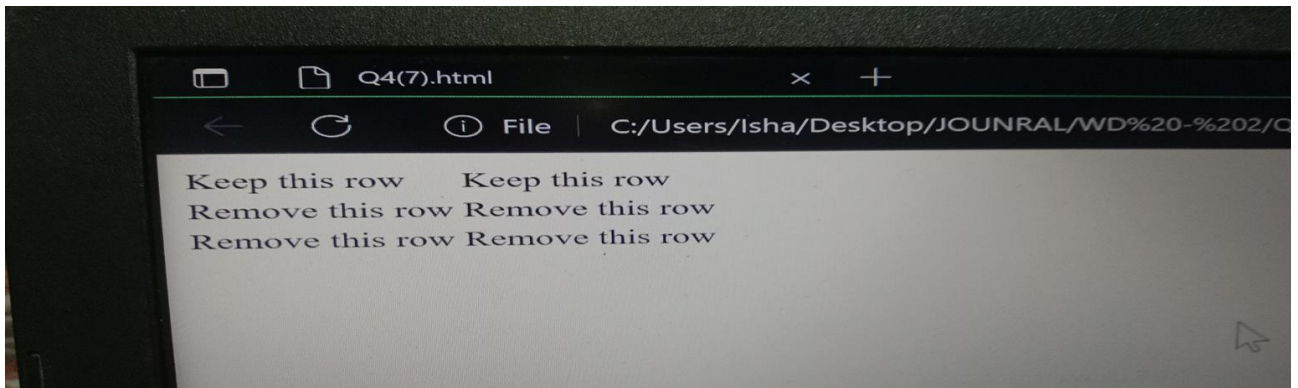
7. Delete all table rows except first one using jQuery  
\$("table tr").not(":first").remove();

```
<!DOCTYPE html>
<html>
<head>
  <script src="C:\Users\Isha\Desktop\JOURNAL\WD - 2\jquery-3.5.1.min.js"></script>
  <script>
    $(document).ready(function(){
      $("table tr").not(":first").remove();
    });
  </script>
</head>
<body>
  <table>
    <tr>
      <td>Keep this row</td>
      <td>Keep this row</td>
    </tr>
    <tr>
      <td>Remove this row</td>
      <td>Remove this row</td>
    </tr>
    <tr>
      <td>Remove this row</td>
      <td>Remove this row</td>
    </tr>
  </table>
</body>
</html>
```

OUTPUT :

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Div : G Rollno: 202233046



8. Get the selected value and currently selected text of a dropdown box using jQuery  
var value = \$("#example").val();  
var text = \$("#example option:selected").text();

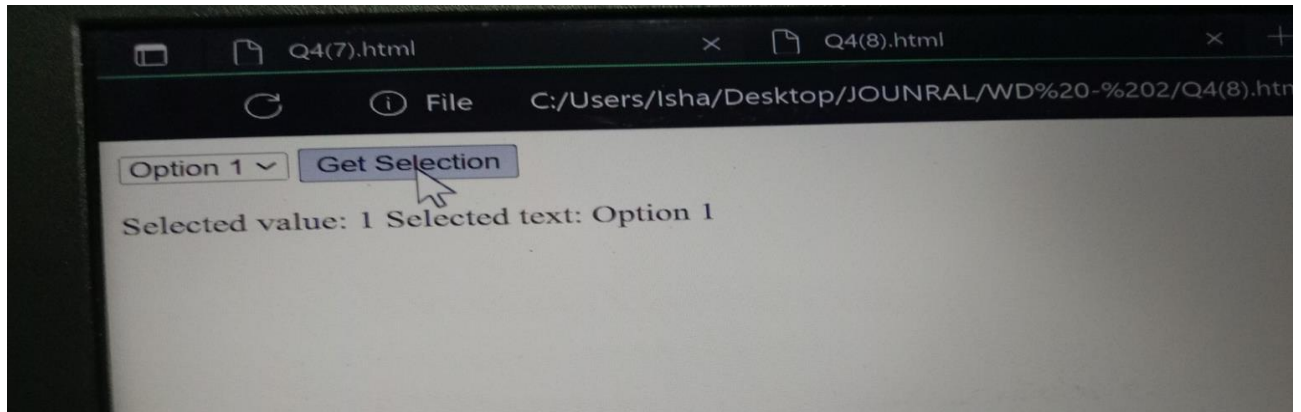
```
<!DOCTYPE html>
<html>
<head>
<script src="C:\Users\Isha\Desktop\JOURNAL\WD - 2\jquery-3.5.1.min.js"></script>
<script>
$(document).ready(function(){
    $("#button").click(function(){
        var value = $("#example").val();
        var text = $("#example option:selected").text();
        $("#result").text("Selected value: " + value + " Selected text: " + text);
    });
});
</script>
</head>
<body>
<select id="example">
    <option value="1">Option 1</option>
    <option value="2">Option 2</option>
    <option value="3">Option 3</option>
</select>
```

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```
<button id="button">Get Selection</button>
<p id="result"></p>
</body>
</html>
```

OUTPUT :



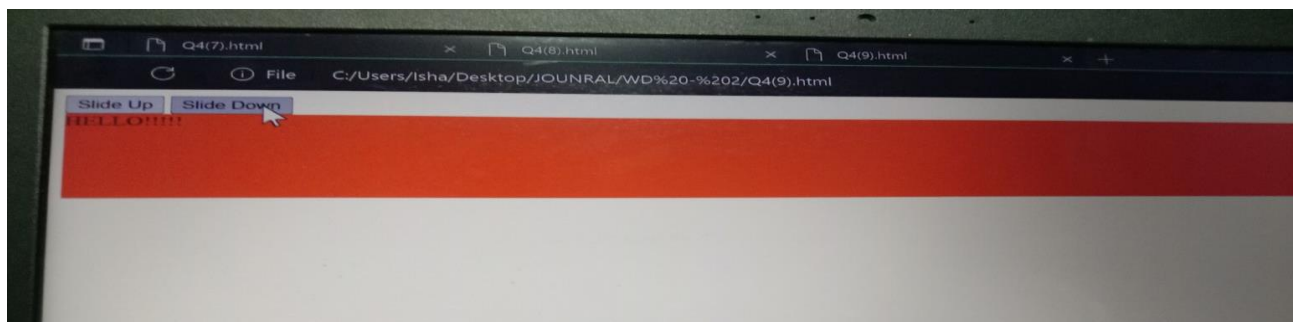
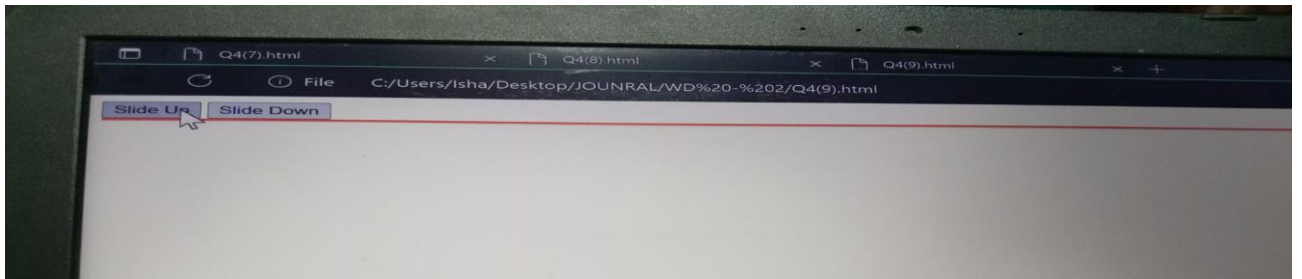
9. Demonstrate speed parameter in slide-up and slide-down  
\$("#example").slideUp(1000);  
\$("#example").slideDown(500);

```
<!DOCTYPE html>
<html>
<head>
<script src="C:\Users\Isha\Desktop\JOUNRAL\WD - 2\jquery-3.5.1.min.js"></script>
<script>
$(document).ready(function(){
    $("#up").click(function(){
        $("#example").slideUp(1000);
    });
    $("#down").click(function(){
        $("#example").slideDown(500);
    });
});
</script>
</head>
<body>
<button id="up">Slide Up</button>
<button id="down">Slide Down</button>
<div id="example" style="display:block; height:100px; background-color:red;">
    HELLO!!!!
</div>
</body>
</html>
```

OUTPUT :

**Name : chaudhari krishana s.**

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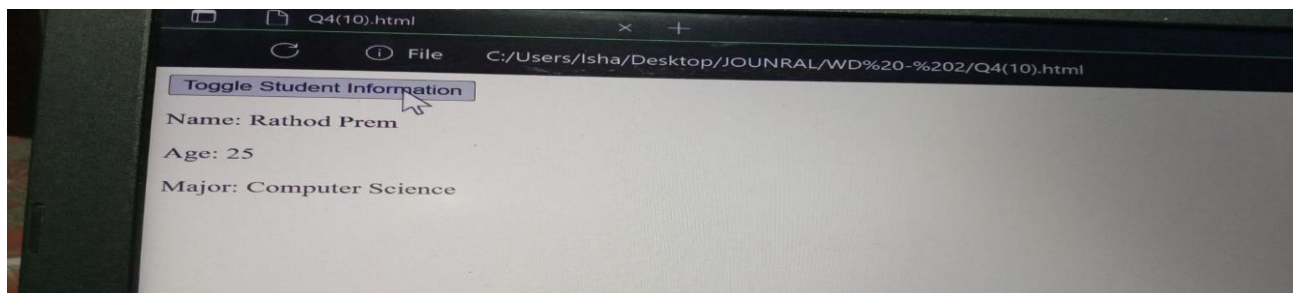
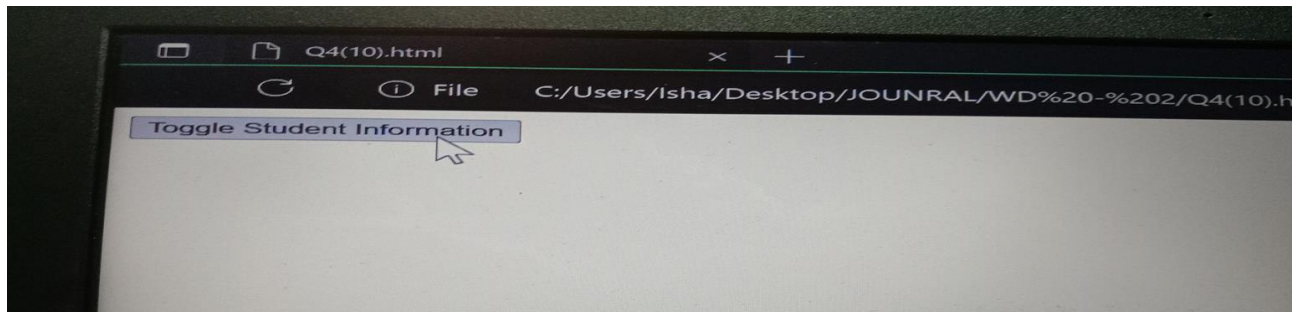
10. Hide and show student information using jQuery on single button click

```
<!DOCTYPE html>
<html>
<head>
  <script src="C:\Users\Isha\Desktop\JOUNRAL\WD - 2\jquery-3.5.1.min.js"></script>
  <script>
    $(document).ready(function(){
      $("#toggle").click(function(){
        $("#student-info").toggle();
      });
    });
  </script>
</head>
<body>
  <button id="toggle">Toggle Student Information</button>
  <div id="student-info" style="display:none;">
    <p>Name: Rathod Prem </p>
    <p>Age: 25</p>
    <p>Major: Computer Science</p>
  </div>
</body>
</html>
```

OUTPUT :

Name : chaudhari krishana s.

Div : G Rollno: 202233046



**Name : chaudhari krishana s.**

**Div : G      Rollno: 202233046**

Q:-5 Create a “E-Commerce website for Electronics” using the following technologies:

1. HTML and CSS
2. jQuery and JavaScript
3. JSON Use these technologies wherever required.
  - a. Create a Registration page (Perform all validation using jQuery)
  - b. Create a JSON file for all product catalogue (includes ProductName, Price, Image)
  - c. Display the product catalogue in HTML using jQuery by fetching data from JSON.
  - d. Create Product Ordering page where the user can select products to purchase and perform necessary validation.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registration</title>
  <link rel="stylesheet" type="text/css" href="tOdOLIST/tdl2.css">
  <script>
    $(document).ready(function() {
      $("#registration-form").submit(function(e) {
        e.preventDefault();
        var username = $("#username").val();
        var email = $("#email").val();
        var password = $("#password").val();
        var confirmPassword = $("#confirm-password").val();
        if (username.length < 3) {
          $("#error-message").text("Username must be at least 3 characters long");
        } else if (password !== confirmPassword) {
          $("#error-message").text("Passwords do not match");
        } else {
          $("#error-message").text("");
          // Save the user's information to the server
        }
      });
    });
  </script>
</head>
<body>
  <main>
    <h2>Registration</h2>
```

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```
<br><br>
<form id="registration-form" action="q5.html">
  <div>
    <label for="username">Username:</label>
    <input type="text" id="username" required>
  </div>
  <br>
  <div>
    <label for="email">Email:</label>
    <input type="email" id="email" required>
  </div>
  <br>
  <div>
    <label for="password">Password:</label>
    <input type="password" id="password" required>
  </div>
  <br>
  <div>
    <label for="confirm-password">Confirm Password:</label>
    <input type="password" id="confirm-password" required>
  </div>
  <br>
  <div>
    <button type="submit">Submit</button>
  </div>
</form>
<div id="error-message"></div>
</main>
</body>
</html>
```

Tdl2.css

---

```
*{
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}
body{
  display: flex;
  justify-content: center;
  align-items: center;
  min-height: 100vh;
  background-image: linear-gradient(to bottom right, blue, red);
  height: 100%;
  background-color: #066acd;
}

.container{
  width: 40%;
```

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```
min-width: 450px;
position: absolute;
transform: translate(-50%, -50%);
top: 50%;
left: 50%;
background: white;
min-height: 100px;
border-radius: 10px;
}
#newtask{
position: relative;
padding: 30px;
}
#newtask input{
width: 75%;
height: 45px;
font-family: 'poppins',sans-serif;
font-size: 15px;
border: 2px solid #d1d3d4;
color: #111111;
font-weight: 500;
position: relative;
border-radius: 5px;
}
#newtask input:focus{
outline: none;
border-color: #0d75ec;
}
#newtask button{
position: relative;
float: right;
width: 20%;
height: 45px;
border-radius: 5px;
font-family: 'poppins',sans-serif;
font-weight: 500;
font-size: 16px;
/* background-color: #ad12dd; */
background-color: #0d75ec;
border: none;
color: white;
outline: none;
}
#tasks{

background-color: white;
padding: 30px 20px;
margin-top: 10px;
border-radius: 10px;
```



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```
width: 100%;
position: relative;
height: 50px;
margin-bottom: 8px;
padding: 5px 10px;
display: flex;
border-radius: 5px;
align-items: center;
justify-content: space-between;
border: 1px solid #939697;
cursor: pointer;
}
.task{
background-color: #c5e1e6;
height: 50px;
margin-bottom: 8px;
padding: 5px 10px;
display: flex;
border-radius: 5px;
align-items: center;
justify-content: space-between;
border: 1px solid #939697;
cursor: pointer;
}
.task span{
font-family: 'poppins',sans-serif;
font-size: 15px;
font-weight: 400;
}
.task button{
background-color: #0a2ea4;
color: white;
height: 100%;
width: 40px;
border-radius: 5px;
border: none;
cursor: pointer;
outline: none;
}
button{

background-color: #0a2ea4;
/* color: white; */
height: 30px;
width: 100px;
border-radius: 5px;
border: solid;
```

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**Div : G      Rollno: 202233046**

```
/* cursor: pointer; */  
outline: none;  
align-items: center;  
}
```

Q5.html

---

```
<!DOCTYPE html>  
<html lang="en" dir="ltr">  
  <head>  
    <meta charset="UTF-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1.0">  
    <link rel="stylesheet" href="style.css">  
    <link rel="stylesheet" href="style1.css">  
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-  
awesome/5.15.2/css/all.min.css"/>  
    <title>Electronics Website</title>  
    <style>  
      img{  
        width: 150px;  
        height: 200x;  
      }  
      .price {  
color: grey;  
font-size: 22px;  
}  
  
.card {  
box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);  
max-width: 300px;  
margin: auto;  
text-align: center;  
font-family: arial;  
}  
body{  
background-color: wheat;  
}  
  
</style>  
</head>  
<body>  
  <nav>  
  
    <div class="menu">  
      <div class="logo">  
        <a href="#" ">Electronics Shop</a>  
      </div>  
      <ul>  
        <li><a href="#Home">Home</a></li>  
        <li><a href="#About">About</a></li>  
        <li><a href="#Services">Services</a></li>
```

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```
<li><a href="#Contact">Contact</a></li>
<li><a href="#Feedback">Feedback</a></li>
</ul>
</div>
</nav>
<form action="http://127.0.0.1:5500/json/index.html">
<div class="img"></div>
<div class="center">
  <div class="title">Electronics</div>
  <div class="sub_title">Products</div>
  <div class="btns">
    <button>Show</button>
  </div>
</div>
</form>
<main>
  <p id="data"></p>
  <div id="product-list"></div>

  <script type="text/javascript">
    fetch("catalogue.json")
    .then(function(response){
      return response.json();
    })
    .then(function(data){
      for(var i=0; i<data.length; i++){
        document.getElementById("data").innerHTML +=
          data[i].ProductName + "=>" + data[i].Price + " " + data[i].Image + "<br />";
      }
    })
    .catch(function(err){
      console.log(err);
    });
  </script>
</main>
<footer>
  <p>Copyright &copy; 2023 AVS ENTERPRISE</p>
</footer>

  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
</body>
</html>
```

Style.css

---

```
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
```

**Name : chaudhari krishana s.**

**Div : G      Rollno: 202233046**

```
body{
  font-family: sans-serif;
  min-height: 100vh;
  color: #555;
}

table{
  width: 1000px;
  margin: 30px auto;
}

table th{
  padding: 10px 0;
  background-color: #f4f4f4;

  border: thin solid #d4d4d4;
}

table td{
  padding: 10px;
  border: thin solid #d4d4d4;
  width: 18%;
  text-align: center;
  background-color: #fff;
}

table img{
  width: 70%;
}

table td.total-price{
  font-weight: bold;
  font-size: 22px;
}

table a{
  text-decoration: none;
  color: darkred;
  background-color: #ffecef;
  padding: 10px 15px;
}

table a:active{
  background-color: #ccf4d6;
  color: green;
}

table select{
  padding: 10px;
```

**Name : chaudhari krishana s.**

**Div : G      Rollno: 202233046**

```
width: 200px;
font-size: 16px;
border: thin solid #d4d4d4;
background-color: transparent;
}
table select:focus{
    outline: none;
}

table img{
    width: 60%;
}
```

Style1.css

---

```
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;500;600;700&display=s
wap');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Poppins',sans-serif;
}
::selection{
    color: #000;
    background: #fff;
}
nav{
    position: fixed;
    background: #1b1b1b;
    width: 100%;
    padding: 10px 0;
    z-index: 12;
}

nav .menu{
    max-width: 1250px;
    margin: auto;
    display: flex;
    align-items: center;
    justify-content: space-between;
    padding: 0 20px;
}
.menu .logo a{
    text-decoration: none;
    color: #fff;
    font-size: 35px;
    font-weight: 600;
}
```

**Name : chaudhari krishana s.**

**Div : G      Rollno: 202233046**

```
.menu ul{
  display: inline-flex;
}
.menu ul li{
  list-style: none;
  margin-left: 7px;
}
.menu ul li:first-child{
  margin-left: 0px;
}
.menu ul li a{
  text-decoration: none;
  color: #fff;
  font-size: 18px;
  font-weight: 500;
  padding: 8px 15px;
  border-radius: 5px;
  transition: all 0.3s ease;
}
.menu ul li a:hover{
  background: #fff;
  color: black;
}
.img{
  background: url('img3.jpg')no-repeat;
  width: 100%;
  height: 100vh;
  background-size: cover;
  background-position: center;
  position: relative;
}
.img::before{

  content: "";
  position: absolute;
  height: 100%;
  width: 100%;
  background: rgba(0, 0, 0, 0.4);
}
.center{
  position: absolute;
  top: 52%;
  left: 50%;
  transform: translate(-50%, -50%);
  width: 100%;
  padding: 0 20px;
  text-align: center;
}
.center .title{
```

**Name : chaudhari krishana s.**

**Div : G      Rollno: 202233046**

```
color: #fff;
font-size: 55px;
font-weight: 600;
}
.center .sub_title{
color: #fff;
font-size: 52px;
font-weight: 600;
}
.center .btns{
margin-top: 20px;
}
.center .btns button{
height: 55px;
width: 170px;
border-radius: 5px;
border: none;
margin: 0 10px;
border: 2px solid white;
font-size: 20px;
font-weight: 500;
padding: 0 10px;
cursor: pointer;
outline: none;
transition: all 0.3s ease;
}
.center .btns button:first-child{
color: #fff;
background: none;
}

.btns button:first-child:hover{
background: rgb(207, 6, 6);
color: black;
}
.center .btns button:last-child{
background: white;
color: black;
}
```

#### JSON CATALOGUE

---

Index.html....

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <link rel="stylesheet" href="styles.css">
```

```
</title>Start up</title>
```

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**Div : G      Rollno: 202233046**

```
</head>
<body>

  <table>
    <thead>
      <tr>
        <th>Image</th>
        <th>Product name</th>
        <th>Price</th>
        <th>inventory</th>
        <th>Product code</th>
      </tr>
    </thead>
    <tbody id="data-output">

      </tbody>
    </table>

    <script src="script.js"></script>
  </html>
```

Script.js.....

```
fetch("products.json")
.then(function(response){
  return response.json();
})
.then(function(products){

  let placeholder = document.querySelector("#data-output");
  let out = "";
  for(let product of products){
    out += `
      <tr>
        <td> <img src='${product.image}'> </td>
        <td>${product.name}</td>
        <td>${product.price}</td>
        <td>${product.inventory}</td>
        <td>${product.productCode}</td>
      </tr>
    `;
  }

  placeholder.innerHTML = out;
});
```

Products.js.....

```
[
  {
```



**Name : chaudhari krishana s.**

**Div : G      Rollno: 202233046**

```
"id": 1,
"image": "download.jpg",
"name": "motorla-outdoor-products",
"price": "284.00",
"inventory": 4,
"productCode": "K203"
},
{
  "id": 2,
  "image": "download (1).jpg",
  "name": "GSM Impex",
  "price": "198.00",
  "inventory": 14,
  "productCode": "K433"
},
{
  "id": 3,
  "image": "download (2).jpg",
  "name": "Sony Camera",
  "price": "350.00",
  "inventory": 7,
  "productCode": "K012"
},
{
  "id": 4,

  "image": "download (3).jpg",

  "name": "Laptop And Accessories",
  "price": "790.00",
  "inventory": 5,
  "productCode": "G0127"
},
{
  "id": 5,
  "image": "images.jpg",
  "name": "Charging Adapter",
  "price": "430.00",
  "inventory": 2,
  "productCode": "G1233"
},
{
  "id": 6,
  "image": "images (1).jpg",
  "name": "Gaming Accessories",
  "price": "650.00",
  "inventory": 6,
  "productCode": "G4478"
}
```

**Name : chaudhari krishana s.**

**Div : G      Rollno: 202233046**

]

Style.css

---

```
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

body{
  font-family: sans-serif;
  min-height: 100vh;
  color: #555;
}

table{
  width: 1000px;
  margin: 30px auto;
}

table th{
  padding: 10px 0;

  background-color: #f4f4f4;

  border: thin solid #d4d4d4;
}

table td{
  padding: 10px;
  border: thin solid #d4d4d4;
  width: 18%;
  text-align: center;
  background-color: #fff;
}

table img{
  width: 70%;
}

table td.total-price{
  font-weight: bold;
  font-size: 22px;
}

table a{
  text-decoration: none;
  color: darkred;
```

**Name : chaudhari krishana s.**

**Div : G      Rollno: 202233046**

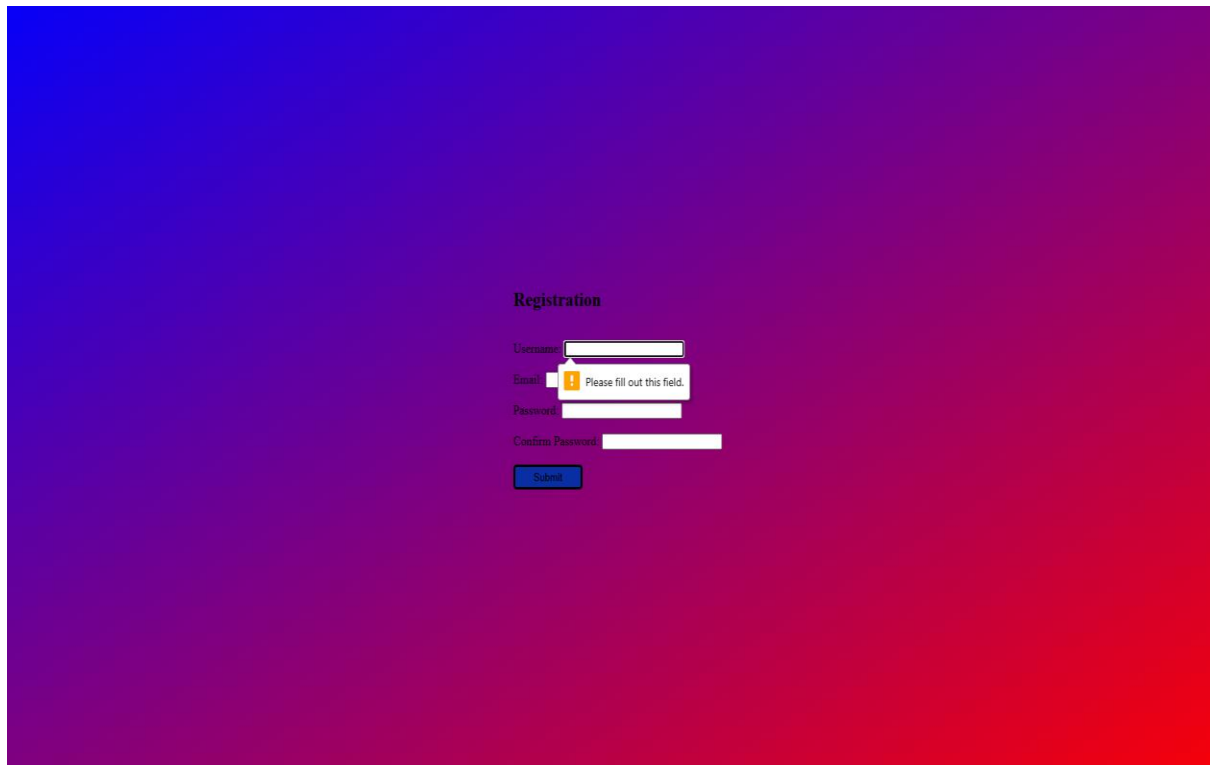
```
background-color: #ffecef;
padding: 10px 15px;
}
table a:active{
background-color: #ccf4d6;
color: green;
}

table select{
padding: 10px;
width: 200px;
font-size: 16px;
border: thin solid #d4d4d4;
background-color: transparent;
}
table select:focus{
outline: none;
}
table img{
width: 60%;
}
```

**Output:-**

Name : chaudhari krishana s.

Div : G Rollno: 202233046



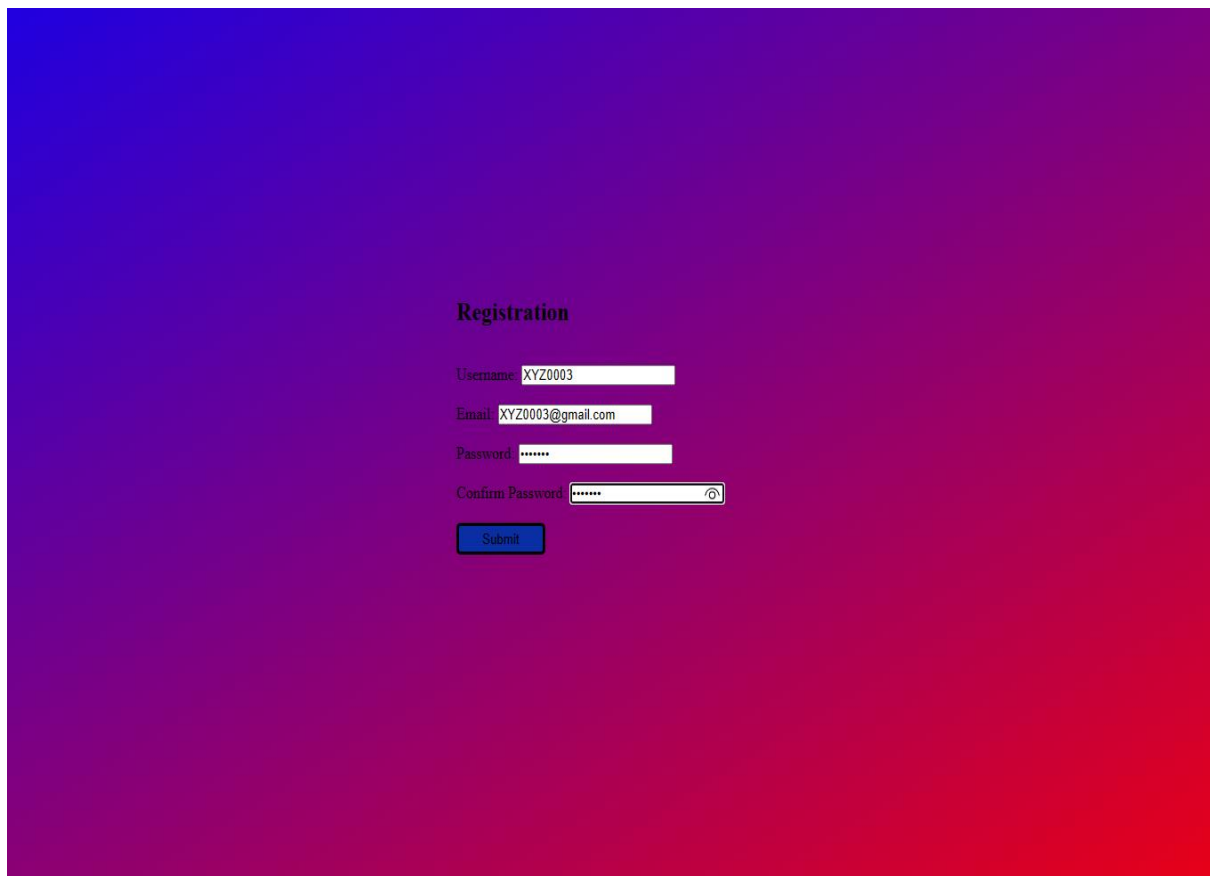
Registration

Username:

Email:  Please fill out this field.

Password:

Confirm Password:



Registration

Username:

Email:

Password:

Confirm Password:

Name : chaudhari krishana s.

Div : G Rollno: 202233046

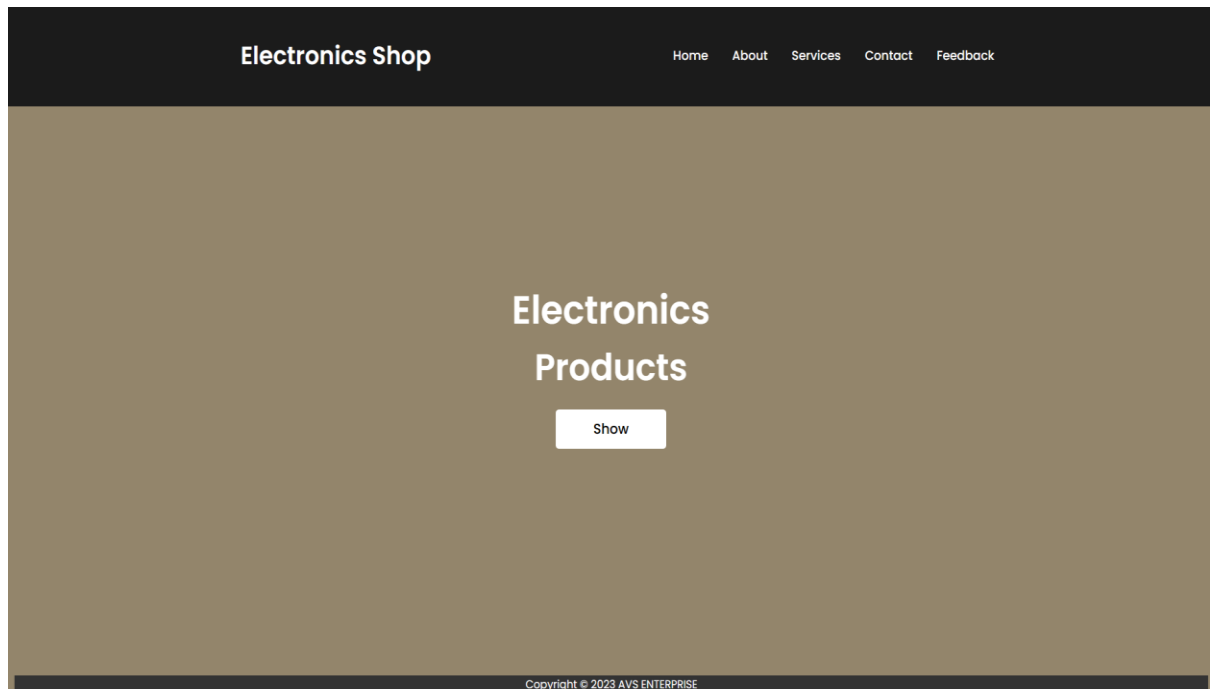








Image	Product name	Price	inventory	Product code
	motorla-outdoor-products	284.00	4	K203
	GSM Impex	198.00	14	K433
	Sony Camera	350.00	7	K012
	Laptop And Accessories	790.00	5	G0127
	Charging Adapter	430.00	2	G1233
	Gaming Accessories	650.00	6	G4478

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Q:-6 Display the customer information using the JSON object. (use the JSON array with Java Script)

```
<!DOCTYPE html>

<html>

<head>

    <title>Document</title>

    <style>

        table,th,td{

            border: 1px solid black;

            border-collapse: collapse;

        }

        th, td {

            padding: 15px;

            text-align: left;

        }

    </style>

</head>

<body>

    <h1>Convert JSON data to simple HTML Table</h1>

    <table id="display_json_data"></table>

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

</body>

</html>
```

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JSON:-

```
var customerjson=[
```

```
{
  "customer_name":"krish",
  "address":"panvel palace",
  "city":"surat",
  "state":"gujarat"
},
{
  "customer_name":"kenil",
  "address":"panvel palace",
  "city":"surat",
  "state":"gujarat"
},
{
  "customer_name":"vivek",
  "address":"sudama chhok",
  "city":"surat",
  "state":"gujarat"
},
{
  "customer_name":"mital",
  "address":"gardan haveli",
  "city":"rajkot",
```

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```
        "state":"gujarat"
    },
    {
        "customer_name":"mera",
        "address":"nadan van",
        "city":"pune",
        "state":"maharatra"
    }
]

function createTableFromJsonData(){
    //Get the headers from JSON data
    var headers=Object.keys(customerjson[0])

    //Prepare html header
    headerRowHTML='<tr>';
    for(var i=0;i<headers.length;i++){
        headerRowHTML+='<th>'+headers[i]+'</th>';
    }
    headerRowHTML+='</tr>';

    //Prepare all the employee records as HTML
    var allRecordsHTML="";
    for(var i=0;i<customerjson.length;i++){
        //Prepare html row
        allRecordsHTML+='<tr>';
        for(var j=0;j<headers.length;j++){
            var header=headers[j];
            allRecordsHTML+='<td>'+customerjson[i][header]+'</td>';
        }
        allRecordsHTML+='</tr>';
    }
}
```



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```
}  
    //Append the table header and all records  
    var table=document.getElementById("display_json_data");  
    table.innerHTML=headerRowHTML + allRecordsHTML;  
}  
window.onload = createTableFromJsonData();
```

**output:-**

## **Convert JSON data to simple HTML Table**

customer_name	address	city	state
krish	panvel palace	surat	gujarat
kenil	panvel palace	surat	gujarat
vivek	sudama chhok	surat	gujarat
mital	gardan haveli	rajkot	gujarat
mera	nadan van	pune	maharatra

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Q:-7 Write a node.js program to read a employee.txt file line by line.

```
1  const fs=require("fs")
2
3  //fs.writeFileSync("employee.txt","employyee records");
4  read=fs.readFileSync("employee.txt","utf-8")
5  console.log(read)
```

PROBLEMS    OUTPUT    TERMINAL    DEBUG CONSOLE

```
● PS D:\krish\web-1\js> node emp.js
● PS D:\krish\web-1\js> node emp.js
● employee records
PS D:\krish\web-1\js> node emp.js
employee records

employee name is vivek
employee desgination is manager
employee department is it
○ PS D:\krish\web-1\js> |
```

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Q:-10 Write a node.js program that create the student.txt file and perform the following operation.

1. Open a file
2. Write in file
3. Read from the file
4. Append the file
5. Update the file 6. Delete the file

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```
//console.log("welcome to node.js");
const fs=require("fs")

// creating a new file
fs.writeFileSync("read.text","welcome to my file");
console.log("text file is created..!")

fs.openSync("read.text");
console.log("file open..!")

fs.appendFileSync("read.text"," \n my name is krish");
console.log("text file is updated..!")

var read=fs.readFileSync("fssync/read.text","utf-8")
console.log(read);

//delete text file
fs.unlinkSync("read.text");
console.log("file is successfully deleted ...!")
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

```
● PS D:\krish\web-1\js> node vivek.js
○ text file is created..!
  file open..!
  text file is updated..!
  welcome to my file
  my name is krish
  file is successfully deleted ...!
PS D:\krish\web-1\js> 
```