Exp1:- A web page is Created using HTML

Program:-

```
<IDOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <meta name = "description" content = "A Sample webpage
                        showing head tag usage">
    <meta name = "author" content = "Student Name">
    <meta name = "viewport" content = "width = device-width,
                        initial-scale = 1.0">
    <title> Sample Web page </title>
    <link rel = "stylesheet" href = "Styles.css">

    <style>
    body {
        font-family: Arial, sans-serif;
        background-color: #f0f8ff;
    }
    </style>

    <script>
        console.log("Page Loaded Successfully!");
    </script>
</head>
<body>
    <header>
        <h1> Welcome to My Web Page </h1>
    </header>
    <main>
        <p> This page demonstrate the use of head sec
```

tag. </P>

```
</main>
<footer>
  <P>& copy;2025 Student Name: All rights reserved.</P>
</footer>
</body>
</html>
```

Sample web page

```
Welcome to my web page
This Page demonstrates the user of using
Section tags @ 2025 Student Name
          All rights reserved.
```

output:
* The Web page title shown in the browser tab is "Sample Web Page"
* The Page body has a light blue (#f0f8ff) background.
* A heading "Welcome to My Web Page" is displayed at the top.
* A Paragraph below the heading explains the demonstration
* The browser Console will show the message: "Page Loaded Successfully."

Result: Thus the program was

EXP 2:

2) Write a Javascript Numbers programm to get the number from the users.

Programm:

```
<html>
<head>
  <title>Nearest Odd Number</title>
<script>
```

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onstrates the user of need
@ 2025 Student Name
ts reserved

The browser tab is "Samp 2

he (#f0f8ff) background.
web Page" is displayed at

adize explains the demonstration
how the message: " Page
d succesfully!"

Succesfully Implemented

amm to get the

```
function findNearestOdd (){
    let num = parseInt (prompt("Enter a number:"));
    let nearestodd;
    if (num % 2 === =0){
        nearest Odd = num + 1; //or num -1
    } else {
        Nearest Odd = num;
    }
    alert ("<The nearest odd numbers is "+Nearestodd);
}
</script>
</head>
<body>
    <h1> Nearst Odd Number Finder </h1>
    <button onclick = "findNearest Odd ()"> Find Nears
                        odd </button>
</body>
</html>
```

Output: | Enter the number - 10 |
         | The nearest Oold number is 11. |

The user is promoted to enter a number.

After input, the nearest odd number is displayed in an
                                    alert box.

Example 1: Input = 8 → output = 9

Example 2: Input = 7 → output = 7

Result:

Thus the program was Successfully Implemented

Exp 3: Create a HTML web page

Program

Index html

```
<! DOCTYPE html >

<html >
<head >
  <title > Relative Positioning Example </title >
  < link rel = "Stylesheet" type = "text/css" href = "style...
</head >
<body >
<div class = "parent"s
    <h1 class = "child"> welcome to css positioning </h1>
    <p'> This peragraph remains normally positiond.</p-
</div>
<body >
</html >
```

```
Style . css
Parent {
  border : 2px Solid blue;
  Padding : 20px;
  Width : 800px;
  height : 200px;
  Position : relative;
}

child {

Position : relative;
top: 30px; /* Move the h, element 30px down */
```

left : 20px; /* Move the h1 element 20px to the
color : darkgreen;   right */
}

Output :
        The Parent <div> is styled with a border to
highlight the boundary.
        The <h1> heading inside the parent <div> moves
30px down and 20px right from its original position.
        The <p> paragraph remains unaffected.

Visual Result :-
    A blue box (parent div) Contains :-
    A green heading slightly shifted down and right.
    A normal Paragraph positioned Just below.

Result :
        Thus the Program was Successfully Implemented

Step 5 : Make a registration form and help the Organization
to Collect their employees details

Program :-
Employee - registration . html
<! DOCTYPE html>
<html>
<head>
        <title> Employee Registration Form </title>

```html
< link rel = "stylesheet" type = "text/css" href =
                                        "style.css">

</ head>
<body >
<div class = "container">
    <h2> Employee Registration Form </h2>

<form >
    <label for = "name"> Employee Name : </label>
    < input type = "text" id="name" name = "name" required>
                                        <br><br>

    <label for = "id"> Employee ID : </label>
    <input type = "text" id = "id" name = "address" rows = "9
                cols = "30" required></textarea><br>

    <label for = "dept"> Department : </label>
    <input type = "text" id = "dept" name = "dept" required>
                                        <br><br>

    < label for = "mobile" >Mobile Number : </label>
    <input type = "text" id = "mobile" name = "mobile"
                            required ><br><br>


    < label for = "city" > City : </label>
    <select id = "city" name = "city" required>
        <option value = "" >-- Select city --</option>
        <option value = "chennai"> Chennai </option>
        <option value = "Bangalore"> Bangalore </option>
        <option value = "Hyderabad"> Hyderabad </o...
        <option value = "Mumbai"> Mumbai </option>
    </select ><br><br>
```

```
         <input type = "Submit" value = "Register">
    </form>
</div>

</body>
</html>
style.css
body {
    font-family: Arial, Sans-Serif;
    background-color: #f0f8ff:
}

.container {
    background-color: white;
    Padding: 20px;
    Margin: 50px auto;
    width: 400px;
    border: 2px solid #ccc;
    border-radius: 10px;
}

h2 {
    text-align: center;
    color: darkblue;
}

label {
    font-weight: bold;
}

input [type = "text"], textarea, select {
```

Left page (partial, at the spine):

```
"text/css" href =
style.css">

>
</label>
= "name" require.../
<br><br>
...l>
...rows "rows = "9"
...textarea><br><b...
...el>
...dept" required>
<br>
: </label>
= "mobile"
br><br>
>
...ired>
</option>
</option>
</option>
...d </option>
</option>
```

```css
    width : 100%;
    padding : 8px;
    margin : 5px 0 15px 0;
    border : 1px solid #ccc;
    border - radius : 5px;
}

input [type = "Submit"] {
    background- color : darkblue;
    color : white ;
    padding : 10px;
    width : 100%;
    border : none ;
    border- radius : 5px;
    Cursor : pointer;
}

input [type = "submit"] : hover {
    background- color: navy ;
```

Output :

Employee Name :
Employee ID :
Address :
Department :
Mobile no :
City :-
Register Style :

Output :

A clean, well-Structured registration form appears Centered on the page. Textboxes are used for Employee Name, ID, Address, Department, and Mobile Number. A dropbox allows selection of a city.

A Register button submits the form.

Visual look:

A white Card layout with blue styled elements a light blue background.

Result :- Thus the Program was Successfully Implemented.

E/P 4 : Write a Javascript programm.

Program :-

Student RegistrationServlet . Java
import Java . io . *;
import Javax. servlet.*;
import Javax . Servlet . http . *;

Public class StudentRegistrationServlet extends Http Servlet {
    public void doGet (Http Servlet Request request, Http Servlet
                                             Response response)
    throws Servlet Exception , Io Exception {

        response . Set Content Type (" text / html ");
        PrintWriter out = repanse . Get Writer () ;

        // HTML Form
        String name = request . getParameter (" name ");
        String regno = request . get Parameter (" regno",
        String regno = request . getParameter (' Course");
        String email = request . get Parameter (" email");

    if (name == null || regno == null || Coarse == null || email
                                     == null } {
    out . println (" < html >< body >");
    out . println (" <h2> Student Registration Fom </h2>");
    out . println (" <form method : 'get' >");
    out . println (Name : <input typ = 'text' name = 'name' ,

< br >");

(Left page — partially visible fragments)

utput :-
yee Name : [_____]
yee ID : [_____]
s : [_____]
unt : [_____]
no : [_____]

Style :

... form appears
for Employee Name
A dropbox allows

tyled elements a

mplemented.

```
out.println (" Email : <input type ="text" name =
                "email">< br >< br >");
out.println ("</form>");
out.println (" (body ></html>");
} else {
    out.println ("< html >< body>");
    out.print ln <" h2 > Student Registration details</h2>");
    out.printhnl"</body></html>");
}
}
}
```

Result :-   Program Was Successfully Implemented

29/09/06