**Practical 5**

**Aim** : To implement a program in javascript to demonstrate the dynamic selection using drop down list.

**Theory :**

**Array:** An array is a special variable, which can hold more than one value at a time. JavaScript arrays are used to store multiple values in a single variable. Using an array literal is the easiest way to create a JavaScript Array.

**Syntax:** var array\_name = [item1, item2, ...];

**Example:** var cars = ["Saab", "Volvo", "BMW"]; Spaces and line breaks are not important. A declaration can span multiple lines: var cars = [ "Saab", "Volvo", "BMW" ];

**Select:**

• The <select> element is used to create a drop-down list.

• The option tags inside the <select> element define the available options in the list.

• The <select> element is a form control and can be used in a form to collect user input.

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Value** | **Description** |
| autofocus | autofocus | Specifies that the drop-down list should automatically get focus when the page loads |
| disabled | disabled | Specifies that a drop-down list should be disabled |
| form | form\_id | Defines one or more forms the select field belongs to |
| mutiple | multiple | Specifies that multiple options can be selected at once |
| name | name | Defines a name for the drop-down list |
| required | required | Specifies that the user is required to select a value before submitting the form |
| size | number | Defines the number of visible options in a dropdown list |

**INPUT**

<html><head>

<title>Dynamic Select Statement</title>

<script type="text/javascript">

var Array1={ empty:["select"],

Grocery:["Oil","Pulses","Salt","Sugar"],

Fruit:["Apple","Banana","Grapes","Mango"] };

documet.getElementById("newArr").innerHTML=Array1;

function stateChange(value)

{ if(value.length==0)

{ document.getElementById("newArr").innerHTML="<option></option>"; }

else{ var catoptions="";

for(id in Array1[value])

{ catoptions+="<option>"+Array1[value][id]+"</option>" }

document.getElementById("newArr").innerHTML=catoptions;

document.getElementById("1").innerHTML="Category is "+value+" with sorted list of "+catoptions; } }

</script></head>

<body>

<center>

<h2>Dynamic Selection</h2>

Category : <select id="state" onchange="stateChange(this.value);">

<option value="empty">Select an option</option>

<option value="Grocery">Grocery</option>

<option value="Fruit">Fruit</option>

</select><br/><br>

<label>List :</label>

<select id="newArr" size="4" disabled="true">

<option value="">select</option>

</select><br><br>

<label id="1"></label>

</center>

</body>

</html>

**OUTPUT**





