

**1. WAP to create array containing names of 5 flowers and display it in sorted order**

```
<html>

<title> Que_1</title>

<body>

  <script>

    flowers = ['rose','lily','mogra','lotus','tulip'];

    alert("flowers:"+flowers)

    alert("Sorted array is:"+flowers.sort());

  </script>

</body>

</html>
```

**2. WAP to accept 2 strings from user and compare them. Display result of comparison**

```
<html>

<body>

  <script>

    str1 = prompt("Enter the 1 st string:");

    str2 = prompt("Enter the 2 nd string:");

    document.write("comparson result="+str2.localeCompare(str1));

  </script>

</body>

</html>
```

**3. WAP to display percentage of student. Use function to calculate percentage.(user define function)**

#### 4. WAP to accept color name from user and apply as background color for document

```
<html>
  <title>Que_4</title>
  <body>
    <form>
      Enter color: <input type = "text" id = "color" >
      <input type = "button" value = "Change" onclick = "changeColor()">
    </form>
    <script>
      function changeColor()
      {
        color = document.getElementById('color').value;
        document.bgColor = color;
      }
    </script>
  </body>
</html>
```

#### 5. WAP to design sign up form for email id creation

```
<html>
<body>
<script>
function validateEmail(email)
{
  const re=^s+@\s+\.s+\/g;
  let result=re.test(email);
  if(result)
  {
    document.write("the email is valid");
  }
  else
```

```

    {
        let newEmail=prompt("Enter a valid email");
        validateEmail(newEmail);
    }
}

let email=prompt("enter an email:");
validateEmail(email);
</script>
</body>
</html>

```

## 6. WAP to design admission form for Student

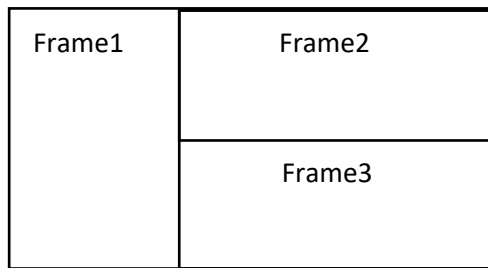
```

<html>
<title> Que_6</title>
<body>
    <form>
        Enter first name:-    <input type="text"><br><br>
        Enter last name:-    <input type = "text"><br><br>
        Contact number:-    <input type = "number"><br><br>
        Enter E-mail :-    <input type="email"><br><br>
        address:-    <input type="text"><br><br>
        birth date:-    <input type="text"><br><br>
        <input type="button" value="Submit">
        <input type="button" value="cancle">
    </form>
</body>
</html>

```

## 7. WAP to add selected item from one select control to another select control

### 8. WAP to display following frame structure



```
<html>
<frameset cols="30%,70% ">
<frame name="top" src="f1.html">

<frameset rows="50%,50% ">
<frame name="top" src="f2.html">
<frame name="top" src="f3.html">
</frameset>
</html>
```

### 9. WAP to prepare text rollover

```
<html>
<body>

<a onmouseover="document.cover.src='rose2.jpg'">
<br><br><b>Picture 1</b>
</a>
<a onmouseover="document.cover.src='rose3.jpeg'">
<br><br><b>Picture 2</b>
</a>
<a onmouseover="document.cover.src='rose4.jpeg'">
<br><br><b>Picture 3</b>
</a>
</body>
</html>
```

## 10. WAP to prepare image rollover

```
<html>

  <body>

    <script>

      function displayOver()

      {

        document.Rollover.src = "rose1.jpeg";

      }

      function displayOut()

      {

        document.Rollover.src = "rose3.jpeg";

      }

    </script>

  </body>

</html>
```

## 11. WAP to prepare banner advertisement linked to URL

```
<html>

  <script>

    banners = new Array('rose1.jpeg','rose2.jpg','rose3.jpeg');

    bannerLink = new Array('google.com','youtube.com','gmail.com');

    currentbanner = 0;

    numofbanner = banners.length;

    function display()

    {

      if(document.images)

      {

        currentbanner ++;

        if(currentbanner== numofbanner)
```

```

        {
            currentbanner = 0;
        }

        document.RotateBanner.src = banners[currentbanner];
        setTimeout("display()",3000);
    }
}

function linkBanner()
{
    document.location.href = "https://www."+bannerLink[currentbanner];
}
</script>
<body onload="display()">
    <a href="javascript:linkBanner()">
        
    </a>
</body>
</body>
</html>

```

## 12. WAP to prepare a slide show

```

<html>
<script>
    picture = new Array("rose1.jpeg","rose2.jpg","rose3.jpeg");
    currentpicture = 0;
    function slideshow(status)
    {
        currentpicture = currentpicture + status;
        if(currentpicture == picture.length)
        {
            currentpicture=0;
        }
    }

```

```

        if(currentpicture < 0 )
        {
            currentpicture = picture.length-1;
        }

        document.slideshows.src = picture[currentpicture];
    }
</script>
<body>
    <!-- <center> -->

    <br><br>

    <input type="button" onclick="Slideshow(1)" value="Forward">

    <input type="button" onclick="Slideshow(-1)" value="Back">

    <!-- </center> -->

</body>
</html>

```

### 13. WAP to create chain select menu

```

<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<script>
var subjectObject = {
    "Front-end": {
        "HTML": ["Links", "Images", "Tables", "Lists"],
        "CSS": ["Borders", "Margins", "Backgrounds", "Float"],
        "JavaScript": ["Variables", "Operators", "Functions", "Conditions"]
    },
    "Back-end": {
        "PHP": ["Variables", "Strings", "Arrays"],
        "SQL": ["SELECT", "UPDATE", "DELETE"]
    }
}

```

```

}
window.onload = function() {
    var subjectSel = document.getElementById("subject");
    var topicSel = document.getElementById("topic");
    var chapterSel = document.getElementById("chapter");
    for (var x in subjectObject) {
        subjectSel.options[subjectSel.options.length] = new Option(x, x);
    }
    subjectSel.onchange = function() {
        //empty Chapters- and Topics- dropdowns
        chapterSel.length = 1;
        topicSel.length = 1;
        //display correct values
        for (var y in subjectObject[this.value]) {
            topicSel.options[topicSel.options.length] = new Option(y, y);
        }
    }
    topicSel.onchange = function() {
        //empty Chapters dropdown
        chapterSel.length = 1;
        //display correct values
        var z = subjectObject[subjectSel.value][this.value];
        for (var i = 0; i < z.length; i++) {
            chapterSel.options[chapterSel.options.length] = new Option(z[i], z[i]);
        }
    }
}
</script>
</head>
<body>

```



```

<h1>Cascading Dropdown Example</h1>
<form name="form1" id="form1" action="/action_page.php">
Subjects: <select name="subject" id="subject">
    <option value="" selected="selected">Select subject</option>
</select>
<br><br>
Topics: <select name="topic" id="topic">
    <option value="" selected="selected">Please select subject first</option>
</select>
<br><br>
Chapters: <select name="chapter" id="chapter">
    <option value="" selected="selected">Please select topic first</option>
</select>
<br><br>
<input type="submit" value="Submit">
</form>
</body>
</html>

```

#### 14. WAP to validate menu selection

```

<html>
<head>
<title>Validate A Menu Selection</title>
<script language="Javascript" type="text/javascript">
function ValidateForm(ValForm)
{
    Vote = ValForm.Candidate.selectedIndex
    if (ValForm.Candidate.options[Vote].value == "")
    {
        alert('Please select a candidate.')
    }
}

```

```

        return false
    }
    return true
}
</script>
</head>
<body>
<form onsubmit="return ValidateForm(this)" action="gmail.com" name="Form1">
<select name="Candidate">
<option value=""></option>Vote for President</option>
<option value="0">AAAAA</option>
<option value="1">BBBBB</option>
<option value="2">CCCCC</option>
<option value="3">DDDDD</option>
<option value="4">EEEEEE</option>
</select>
<br>
<p>
<input type="submit" value="Submit" />
<input type="reset" />
</p>
</form>
</body>
</html>

```

#### 15. WAP to protect email address by hiding it

```

<html>
<body>
<script>
function choice(email)
{

```

```

        split=email.split("@");
        split1=email.substring(0,3);
        split2=split[1];
        alert(split1+".....@"+split2);
    }
    var e=prompt("enter the email=");
    choice(e);
</script>
</body>
</html>

```

#### 16. WAP to disable right mouse button

```

<html>
<p id="msg" value="Right Click Enable">Right Click Enable</p>
<body>
<button onclick="dismouseover()">Disable</button>
<script>
function dismouseover()
{
    document.addEventListener(ontextmenuevent=>event.preventDefault());
    msg.innerHTML="Right click disable";
}
</script>
</body>
</html>

```

#### 17. WAP to open 10 windows at once

```

<html>
<body>
<script>
function open()
{
    for(i=0;i<10;i++)

```

```

        {
            Mywin=window.open(' ', 'Mywin'+i , 'width=50' , 'height=50');
        }
    }
</script>
<input type="button" value="open" onclick="open()">
</body>
</html>

```

#### 18. WAP to create and display cookies

#### 19. WAP to display 50 prime numbers starting from 1

```

<html>
<body>
<button onclick="sp()">show prime numbers</button>
<script>
function sp()
{
    c=0;
    var r=500;
    for(i=2;i<=r;i++)
    {
        flag=0;
        for(j=2;j<=i;j++)
        {
            if(i%j==0)
            {
                flag=1;
                break;
            }
        }
        if(flag!=1)
        {
            c=c+1;

```

```

        document.write("prime number="+i+"<br>");
        if(c==50)
        {
            document.write("total count="+c);
            break;
        }
    }
}
</script>
</body>
</html>

```

## 20. WAP to validate mobile number using regular expression (Format-XX-XXX-XXXXXX)

```

<html>
<body>
<script>
function validateEmail(email)
{
    const re=/\S+@\S+\.\S+/g;
    let result=re.test(email);
    if(result)
    {
        document.write("the email is valid");
    }
    else
    {
        let newEmail=prompt("enter a valid email:");
        validateEmail(newEmail);
    }
}
}

```

```
let email=prompt("enter an email:");
```

```
validateEmail(email);
```

```
</script>
```

```
</body>
```

```
</html>
```