1) WAP to prepare banner advertisement linked to URL

```html
<html>
<head>
<title>Link Banner Ads</title>
<script>
Banners = new Array('rose1.jpg','rose2.jpg','rose3.jpg')
BannerLink = new Array('www.google.com','www.yahoo.com',
'www.gmail.com')
CurrentBanner = 0
NumOfBanners = Banners.length
function LinkBanner()
{
document.location.href ="http://www." + BannerLink[CurrentBanner]
}
function DisplayBanners()
{
if (document.images)
{
CurrentBanner++
if (CurrentBanner == NumOfBanners)
{
CurrentBanner = 0
}
document.RotateBanner.src= Banners[CurrentBanner]
setTimeout("DisplayBanners()",1000)
}
}
</script>
</head>
<body onload="DisplayBanners()" >
<center>
<a href="javascript: LinkBanner()"><img src="rose4.jpg"
width="100" height="100"
name="RotateBanner" /></a>
</center>
</body>
</html>
```

2) WAP to prepare a slide show

```html
<html>
<head>
<title>Slideshow</title>
<script>
```

```
Pictures = new Array("rose1.jpg","rose2.jpg","rose3.jpg")
CurrentPicture = 0
function RunSlideShow(ForwardBack)
{
 CurrentPicture = CurrentPicture + ForwardBack
 if(CurrentPicture==Pictures.length)
CurrentPicture=0;
 if(CurrentPicture<0)
 CurrentPicture=Pictures.length-1;


 document.PictureDisplay.src=Pictures[CurrentPicture]


}
</script>
</head>
<body>
<p align="center"><img src="rose1.jpg" name="PictureDisplay"
width="100"
height="100"/></p>
<center>
<input type="button" value="Forward" onclick="RunSlideShow(1)">
<input type="button" value="Back" onclick="RunSlideShow(-1)">
</center>
</body>
</html>
```

3) WAP to create chain select menu
```
<html>
<head>
<title>Dynamically Changing Menu Options</title>
<script language="Javascript" type="text/javascript">

p = new Array('AAA','BBB','CCC','DDD','EEE')
m = new Array('LLL','MMM', 'NNN', 'OOO')

function GetEmployees(Department)
{
    // clear out the current options
    for(i=document.Form1.Employees.options.length-1;i>0; i--)
    {
        document.Form1.Employees.options.remove(i)
    }

    Dept = Department.options[Department.selectedIndex].value
```

```
        if (Dept != "")
        {
            if (Dept == '1')
            {
                for (i=1; i<=p.length;i++)
                {
                    document.Form1.Employees.options[i] =new
Option(p[i-1])
                }
            }
            if (Dept == '2')
            {
                for (i=1; i<=m.length;i++)
                {
                    document.Form1.Employees.options[i] =new
Option(m[i-1])
                }
            }
        }
    }
</script>
</head>
<body onload="document.Form1.DeptList.selectedIndex=0">
<form name="Form1">
<select name="DeptList" onchange="GetEmployees(this)">
<option value="0">Department</option>
<option value="1">Purchase</option>
<option value="2">Manufacturing</option>
</select>
<select name="Employees">
<option value="0">Employees</option>
</select>
</form>
</body>
</html>
```

4) 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">EEEEE</option>
</select>
<br>
<p>
<input type="submit" value="Submit" />
<input type="reset" />
</p>
</form>
</body>
</html>
```

5) WAP to protect email address by hiding it

```
<html>
<body>
<script type="text/javascript">
    newEmail = function (email) {
        var split = email.split("@");
        var split1 = split[0];
        var avg = split1.length / 2;
        split1 = split1.substring(0, (split1.length - avg));
        split2 = split[1];
        return split1 + "...@" + split2;
    };
    document.write(newEmail("batman@gmail.com"));
</script>
</body>

</html>
```

6) WAP to disable right mouse button

```
<!DOCTYPE HTML>
<html>


<head>



    <p>Click on the button to disable right click</p>
    <button onclick="gfg_Run()">
        Disable
    </button>
```

```
    <p id="GFG_DOWN">
    </p>

    <script>
        var el_down = document.getElementById("GFG_DOWN");
        function gfg_Run() {
            document.addEventListener('contextmenu',event =>
event.preventDefault());
            el_down.innerHTML = "Right click disabled";
        }
    </script>
</body>

</html>
```

7) WAP to open 10 windows at once

```
<html>
<head>

<script language="Javascript" type="text/javascript">

function Launch()
{
    for (i=0; i < 10;i++)
    {
        Win = window.open('','win'+i,'width=50,height=50')
    }
}

</script>
</head>
<body>
<FORM method="post">
<P>
<INPUT name="click"
value="WindowsOpen" type="button"
onclick="Launch()"/>
</P>
</FORM>
</body>
</html>
```

8) WAP to create and display cookies

```html
<html>
<body>
    Name: <input type="text" id="name"><br>
    Email: <input type="email" id="email"><br>
<input type="button" value="Set Cookie"
onclick="setCookie()"></br>
<input type="button" value="Get Cookie"
onclick="getCookie()"></br>
<script>
    function setCookie()
    {
    var n=document.getElementById("name").value;
    var e=document.getElementById("email").value;
        var info="Name="+n+"<br>"+"Email="+e;
        document.cookie=info;
alert('cookie created-'+info);
    }

    function getCookie()
    {
        if(document.cookie.length!=0)
        {
            alert(document.cookie);
        }
        else
        {
            alert("Cookie not available")
        }
    }
</script>
</body>
</html>
```

9) WAP to display 50 prime numbers starting from 1

```html
<html>
<body>
<script language='javascript'>
    function prime()
    {
        for (i=2;i<=50;i++)
        {
            var flag=1;
            for(j=2;j<i;j++)
```

```
                {
                    if(i%j==0)
                    {
                        flag=0;
                        break;
                    }


                }
            if(flag==1)
            {
                document.write(i+",");
            }
            }
        }
</script>
<button onclick="prime()">click</button>
</body>
</html>
```

10) WAP to validate mobile number using regular expression (Format-XX-XXX-XXXXX)

```
<html>
<script>
    function validatePhone(num) {
        const re = /^\(?([0-9]{2})\)?[-. ]?([0-9]{3})[-.
]?([0-9]{5})$/g;
        let result = num.match(re);
        if (result) {
        document.write('The number is valid.');
        }
        else {
        let num = prompt('Invalid Number Enter number in
XX-XXX-XXXXX format:');
        validatePhone(num);
        }
        }
        let number = prompt('Enter a number XX-XXX-XXXXX');
        validatePhone(number);
</script>
<body>
</body>
</html>
```