

```
<!DOCTYPE html>
<html>
<head>
<title> SOFTWARE-X </title>
</head>
</body>
</html>
<!-- script ki coding head ya body section me hoti hai -->
```

```
<!-- example 1 -->
<!DOCTYPE html>
<html>
<head>
<title> SOFTWARE-X </title>
<script>
document.write("message")
alert("pop up message says ok")
</script>
</head>
</body>
</html>
output - pop up message says : ok
```

```
<!-- example 2 -->
<!DOCTYPE html>
<html>
<head>
<title> SOFTWARE-X </title>
<script>
document.write("1st message")
var n=prompt("Enter your name")
document.write(n)
</script>
</head>
</body>
</html>
<!-- output - this page says: enter your name: input -> 1st message Ankit -->
```

```
<!-- example 3 -->
<!DOCTYPE html>
<html>
<head>
<title> SOFTWARE-X </title>
<script>
document.write("1st message")
var n=prompt("Enter your name")
document.write(n)
document.bgColor="green" //background in green color
```

```
document.fgColor="red" //font in red color
</script>
</head>
</body>
</html>
<!-- output - enter your name : ankit -> -->
<!-- document ko property ya methods? -->
<!-- bgColor, fgColor -->
<!-- document.write ki jaghe par document.writeln se bhi kaam kiya ja sakta h -->
```

```
<!-- example 4 -->
<!DOCTYPE html>
<html>
<head>
<title> SOFTWARE-X </title>
<script>
function disp() {
alert("alert")
}
</script>
</head>
</body>
<button onclick="disp()">Click me</button>
</html>
<!-- output: click me on button then will you a button -->
```

```
<!-- example 5 -->
<!-- question paper - -->
<!-- q.1. write a javascript code for searching a substring in a given string and return the
position of the substring. -->
<!DOCTYPE html>
<html>
<head>
<title> SOFTWARE-X </title>
<script>
function disp() {
var x="Ankit Kumar"
var y=prompt("enter substring")
var p=x.search(y)
alert("postion="+p)
}
</script>
</head>
</body>
<button onclick="disp()">Click me</button>
</html>
```

<!-- output: first click button and then popup will come from up side that say enter substring then enter Ankit then it will show position no. nhi to -1 aayega

-->

<!-- 1st character ka position 0 se start hota h -->

<!-- ye casesensitive hota h -->

<!-- example 6 -->

<!-- q.2. write a javascript code to add two strings with a space in between -->

<!DOCTYPE html>

<html>

<head>

<title> SOFTWARE-X </title>

<script>

function disp() {

var x=prompt("enter string1"

var y=prompt("enter string2")

alert(x+" "+y)

}

</script>

</head>

</body>

<button onclick="disp()">Click me</button>

</html>

<!-- output: first we should to click me button then popup will come then enter 1st and 2nd substring it will concatenate like this Ankit Kumar -->

<!-- example 7 -->

<!-- q.3. write a js code to convert a string to uppercase and lowercase -->

<!DOCTYPE html>

<html>

<head>

<title> SOFTWARE-X </title>

<script>

function disp() {

var x=prompt("enter string1")

document.write(x.toUpperCase())

document.write(x.toLowerCase())

}

</script>

</head>

</body>

<button onclick="disp()">Click me</button>

</html>

<!-- output: enter string then it will convert string to upper and lower -->

<!-- example 8 -->

<!-- q.4. make date and time -->

```

<!DOCTYPE html>
<html>
<head>
<title> SOFTWARE-X </title>
<script>
function disp() {
var d=new Date()
var d1=d.getDay()
var d2=d.getMonth()+1
var d3=d.getFullYear()
document.write(d1 + "-" + d2 + "-" + d3)
}
</script>
</head>
</body>
<button onclick="disp()">Click me</button>
</html>
<!-- output: 01-01-0001 -->
<!-- js me month ki counting 0 se start hoti h -->

```

```

<!-- example 9 -->
<!-- q.5. make digital watch -->
<!DOCTYPE html>
<html>
<head>
<title> SOFTWARE-X </title>
<script>
function disp() {
var d=new Date()
var d1=d.getHours()
var d2=d.getHours()
var d3=d.getSeconds()
f1.t1.value=d1
f1.t1.value=d2
f1.t1.value=d3
setTimeout("disp()",1000)
}
</script>
</head>
<body>
<form name="f1">
<input type="text" name="t1">
<input type="text" name="t2">
<input type="text" name="t3">
</form>
</body>
<button onclick="disp()">Click me</button>
</html>

```

<!-- learn javascript popular function for viva like: getHours, getSeconds, upperCase, length -->

<!-- q.6. design a form -->

<!DOCTYPE>

<html>

<head>

<title> PEXLES CLASSES </title>

<script>

if(f1.t1.value==""||f1.t2.value=="") // agar text field blank chod diya to error aa sakta h

alert("text field should not be left blank")

}

</script>

<body>

form name="f1">

First Name <input type="text" name="t1">

Last Name <input type="text" name="t2">

<select name="s1">

<option>c</option>

<option>c++</option>

</select>

Course<select name="s2">

<option>c</option>

<option>c++</option>

</select>

why did you choose the course

Degree required<input type="radio" name="r1">

Personal interest<input type="radio" name="r1">

<input type="button" value="Submit" onclick="dd()">

<input type="reset" value="Reset">

</body>

</html>

viva - radio dot me name same kyo rakhte h, beacause agar dono same rakh dia to dono radio box select ho jayenge

viva - data base connectivity kese karte h

ans : server site api ya node js ki need padegi

q. text field about not be validate the fields

<!DOCTYPE>

<html>

<head>

<title> PEXLES CLASSES </title>

<script>

function dd() {

if(f1.t1.value==""||f1.t2.value=="") // "" -> null value hoti h

```

alert("Text field should not be left blank")
}
</script>
<body>
form name="f1">
First Name <input type="text" name="t1"><br/>
Last Name <input type="text" name="t2"><br/>
<select name="s1">
<option>c</option>
<option>c++</option>
</select><br/>
Course<select name="s2">
<option>c</option>
<option>c++</option>
</select><br/>
why did you chooose the course<br/>
Degree required<input type="radio" name="r1"><br/>
Personal interest<input type="radio" name="r1"><br/>
<input type="button" value="Submit" onclick="dd()"><br/>
<input type="reset" value="Reset"><br/>

```

q. use javascript to validate the fields

```

<!DOCTYPE>
<html>
<head>
<title> PEXLES CLASSES </title>
<script>
function dd() {
if(f1.t1.value==""||f1.t2.value=="") // "" -> null value hoti h
alert("Text field should not be left blank")
}
function dd1() {
if(f1.t1.value.length<3)
alert("less than 3")
f1.t1.value=""
}
}
</script>
<body>
form name="f1">
First Name <input type="text" name="t1"><br/>
Last Name <input type="text" name="t2"><br/>
<select name="s1">
<option>c</option>
<option>c++</option>
</select><br/>
Course<select name="s2">

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```
<option>c</option>
<option>c++</option>
</select><br/>
why did you chooose the course<br/>
Degree required<input type="radio" name="r1"><br/>
Personal interest<input type="radio" name="r1"><br/>
<input type="button" value="Submit" onclick="dd1()"><br/>
<input type="reset" value="Reset"><br/>
```

q. reset button