JS Events:

Q1>

<!DOCTYPE html>

<html>

<body>

<h2>Q1 Event listener to a button to show date</h2>

<button id="myBtn">Try it</button>

<p id="demo"></p>

<script>

document.getElementById("myBtn").addEventListener("click", displayDate);

**function** displayDate() {

document.getElementById("demo").innerHTML = Date();

}

</script>

</body>

</html>

Q2>

<!DOCTYPE html>

<html>

<head>

<script>

**function** validateForm() {

**var** x = document.forms["myForm"]["fname"].value;

**if** (x == "" || x == **null**) {

alert("Name must be filled out");

**return** **false**;

}

}

</script>

</head>

<body>

<h2>Q2 JS validation</h2>

<form

name="myForm"

action="/action\_page.php"

onsubmit="returnvalidateForm()"

method="post"

required

>

Name: <input type="text" name="fname" />

<input type="submit" value="Submit" />

</form>

</body>

</html>

Q3>

<!DOCTYPE html>

<html>

<body>

<h2>Q3 console.log() debugging</h2>

<p>F12 or crtl+shift+i > sources</p>

<script>

a = 8;

b = 4;

c = a + b;

console.log(c);

</script>

</body>

</html>

Q4>

<!DOCTYPE html>

<html>

<head>

<script>

**function** setCookie(cname, cvalue, exdays) {

**const** d = **new** Date();

d.setTime(d.getTime() + exdays \* 24 \* 60 \* 60 \* 1000);

**let** expires = "expires=" + d.toUTCString();

document.cookie = cname + "=" + cvalue + ";" + expires + ";path=/";

}

**function** getCookie(cname) {

**let** name = cname + "=";

**let** decodedCookie = decodeURIComponent(document.cookie);

**let** ca = decodedCookie.split(";");

**for** (**let** i = 0; i < ca.length; i++) {

**let** c = ca[i];

**while** (c.charAt(0) == " ") {

c = c.substring(1);

}

**if** (c.indexOf(name) == 0) {

**return** c.substring(name.length, c.length);

}

}

**return** "";

}

**function** checkCookie() {

**let** user = getCookie("username");

**if** (user != "") {

alert("Welcome again " + user);

} **else** {

user = prompt("Please enter your name:", "");

**if** (user != "" && user != **null**) {

setCookie("username", user, 30);

}

}

}

</script>

</head>

<body onload="checkCookie()"></body>

</html>

Q5>

<!DOCTYPE html>

<html>

<body>

<h2>Q5 Accessing JSON obj with . notation</h2>

<p id="demo"></p>

<script>

**const** myJSON = '{"name":"John", "age":30, "car":null}';

**const** myObj = JSON.parse(myJSON);

document.getElementById("demo").innerHTML = myObj.name;

</script>

</body>

</html>