JS HW\_5

1. The key words that handle exceptions

try {

  // Attempts to execute

} catch (exception) {

  // handles exceptions

} finally {

  // always runs

}

1. The way to check the status of a check box is to use this

var b = document.getElementById("checkbox").checked;

1. To submit a form in java script is to use the

document.forms["FormBox"].submit();

1. How can the style/class of an element be changed?

You can change it by changing its class attribute.

1. The DOM (Document object model) is the the actual page where elements are displayed

6. **Write script for a student class that accepts data into student objects that sets up the student email, student ID, and major.**

1. <script>
2. class Student {
3. constructor(name, studentID, major) {
4. this.name = name;
5. this.studentID = studentID;
6. this.major = major;
7. this.email = `${name.replace(/\s+/g, '').toLowerCase()}@example.com`;
8. }
9. }
10. const students = [];
11. while (true) {
12. const name = prompt("Enter your name(or type 'quit' to exit):");
13. if (name.toLowerCase() === 'quit') {
14. break;
15. }
16. const studentID = prompt("Enter student ID:");
17. const major = prompt("Enter student major:");
18. const student = new Student(name, studentID, major);
19. students.push(student);
20. document.write(`Student added: ${name} (${studentID}), ${major}, ${student.email}`);
21. }
22. </script>

7.

**Write script that throws as division by zero error if the user indicates that a denominator is 0 in a division problem.**

    <script>

const numerator = prompt("Enter numerator:");

const denominator = prompt("Enter denominator:");

if (denominator === '0') {

  throw new Error("Division by zero error");

}

const result = numerator / denominator;

document.write(`${numerator} / ${denominator} = ${result}`);

    </script>

8.