Quick Check 1

1. 1. Provide code to create a FileReader object named fReader.

let fReader = new FileReader();

1. Provide code to read the file memo.txt in the fReader object as text.

fReader.readAsText(“memo.txt”);

1. What value is returned by the expression "Daily Memo".indexOf(" ")?

The returned value is 5

1. What text string is returned by the expression "Daily Memo".slice(3, 8)?

The string returned is: “ly Me”

1. What value is returned by the expression "Daily".localeCompare("Memo") ?

returns -1

Quick Check 2

1. Provide a regular expression to match every occurrence of the word "the" regardless of case.

/the/gi  
OR  
/\bthe\b/gi (if you need word boundaries)

1. What regular expression symbol matches every character but a whitespace character?

/\S/g

1. Social security numbers can be entered as either 9 digits in a row or in the form ddd-dd-dddd. Write a regular expression to match either pattern.

/\d{9}|\d{3}-\d{2}-\d{4}/

1. Provide code to test whether the value of the userID variable matches a character pattern of 3 digits followed by a dash followed by another 4 digits.

let idRegex = /\d{3}-\d{4}/;  
let userIdTest = idRegex.test(userID);

1. Provide code to split the text string stored in the orderDate variable at every occurrence of the / character, storing the values in the array dateArray.

let dateArray = [];  
dateArray = orderDate.split(‘/’);

Quick Check 3

1. Provide code to sort the username array based on the byOrders() compare function.

username.sort(byOrders);

1. What will be the contents of the totals array after the following command?  
   let totals = [12, 55, 128, 25, 437]  
   totals.sort();

totals = 12, 128, 25, 437, 55

1. What will be the contents of the sliced array after the following command?  
   let x = ["a", "b", "c", "d", "e", "f", "g"];  
   let sliced = x.slice(2, 4)

sliced = [“c”, “d”]

1. What will be the contents of the x array after the following command?  
   let x = ["a", "b", "c", "d", "e", "f", "g"];  
   x.splice(2, 3, "h", "i", "j");

x = [ "a", "b", "h", "i", "j", "f", "g" ]

1. What will be the contents of the x array after the following command?  
   let x = ["a", "b", "c", "d", "e", "f", "g"];  
   x.pop()

x = ["a", "b", "c", "d", "e", "f"]

Quick Check 4

1. Provide a JavaScript expression to return the value of .

Math.sin((45 \* Math.PI) / 180);

1. Provide two ways of calculating the maximum value of the items from the sales array without sorting or using a for loop.

Math.max.apply(null, sales);  
Math.max(…sales);

1. Provide code to store the current date and time in the trialStart variable.

let startDate = new Date();  
let trialStart = startDate.toLocaleString();

1. Provide code to store a date and time in the expireDate variable that is one month after the trialStart variable.

let expDate = new Date();  
let month = expDate.getMonth();  
expDate.setMonth(month + 1);  
let expireDate = expDate.toLocaleString();

1. Provide code to store the text string "Four score and 7 years ago" as a template literal in a variable named preamble, tagging the template literal with the revise() function.

function revise(literals, …substitutions) {  
 // revise code here  
}  
let preamble = revise`Four score and 7 years ago`;