1. Replace Function expression with arrow function:

Solution:

(question) => {

if (confirm(question) {

() => {

alert("you agreed")

}

} else {

() => {

alert("you cancel the execution")

}

}

}

1. Understand **SetTimeout and SetInterval** and explain below code

Solution:

a

b

d

c

Here ‘c’ is printed later to ‘d’ due to setTimeout function which makes a function to run after n milliseconds. Even thought, the time period was given 0 ms, this call goes to event loop and statements in the current execution stack gets executed before this call.

setInterval() -  method continues calling the function until clearInterval() called, or the window is closed.

1. Calculator:  
     
   calculate = (input) => eval(input);
2. Different method to empty an array:   
     
   let arr = [1,2,3,4,5]  
     
     
   A. arr = [];  
     
   B. arr.length = 0;
3. Done
4. Reduce method to find sum of array  
     
   solution:  
     
   let abc = [1,2,3,4,5,6,7,8,9]  
     
   let a = abc.reduce((a,b) => a+b, 0 )  
     
   console.log(a)
5. To get today’s, yesterday and Tomorrow date.  
     
     
   today’s.:  
     
   let today = new date();  
   console.log(today.toDateString());  
     
     
   Yesterday:  
     
   let yesterday = new Date()  
   yesterday.setDate(yesterday.getDate() – 1)  
     
   console.log(yesterday.toDateString());  
     
   Tomorrow:  
     
   let tomorrow= new Date()  
     
   tomorrow.setDate(tomorrow.getDate() + 1)  
     
   console.log(tomorrow.toDateString());  
     
     
     
   Similarily, for values for same date ion next year can be calculated as:  
     
     
     
   Tomorrow’s date next year :  
     
   let tomorrow= new Date()  
     
   tomorrow.setFullYear (tomorrow.getFuillYear () + 1)  
     
   console.log(tomorrow.toDateString());
6. Spread operator  
     
     
   1. Let arr3 = […arr1, …arr2]  
     
   2. Let arr4 = […arr2, …arr1]  
     
   3. Let arr5 = […arr1]; arr5.push(‘f’); console.log(arr5) = [‘a’, ‘b’, ‘c’, ‘f’]
7. Ascending:   
     
   cars.sort((a,b) => a.speed-b.speed);  
     
   Descending:  
   cars.sort((a,b) => b.speed-a.speed);