

## JavaScript - Assignments

1	Write a JavaScript program to display the current day and time in the following format. Sample Output: Today is Tuesday. Current time is: 10 PM: 30: 38
2	Write a JavaScript program where the program takes a random integer between 1 to 10 and the user is then prompted to input a guess number. If the user input matches with the random number, the program will display a message "Good Work" otherwise display a message "Not matched".
3	Write a JavaScript program to remove a character at the specified position of a given string and return the new string.
4	Write a JavaScript program to find the largest of three given integers.
5	Write a JavaScript program to check whether the last digit of the three given positive integers is same.
6	Write a JavaScript to replace each character of a given string by the next one in the English alphabet Note: 'a' will be replace by 'b' and 'z' would be replaced by 'a'.
7	Write a JavaScript program to find the kth greatest element of a given array of integer
8	Define an arrow function divideByTwo which accepts a number and returns that number divided by 2.
9	Write a function which receives a string and returns a Promise.  The promise should resolve with the uppercase version of the string but should reject if the string is null.
10	Write an async function which waits 500 milliseconds and then returns the uppercase of a given string. Use the sleep function provided.
11	Create a class called Person which accepts the name of a person as a string, and his/her age as a number. The Person class should have a method called describe which returns a string with the following syntax: "name, age years old". So for example, if John is 19 years old then the function describe of his object will return "John, 19 years old".
12	Create an object called person with the following members:  The member firstName of the person is "Jack" The member lastName of the person is "Smith" The member age of the person is 19 The member employed of the person is true
13	Write a JavaScript program to add items in a blank array and display the items.  <div style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <input style="width: 150px;" type="text"/> <input style="margin-left: 10px;" type="button" value="Add"/> <input style="margin-left: 10px;" type="button" value="Display"/> </div> <hr style="border: 0; border-top: 1px solid #ccc; margin: 10px 0;"/> <div style="margin-left: 20px;"> <p>Element 0 = 23</p> <p>Element 1 = 12</p> <p>Element 2 = 25</p> </div>
14	Write a JavaScript function to extract unique characters from a string. Example string: "thequickbrownfoxjumpsoverthelazydog" Expected Output: "thequickbrownfxjmpsvlazydg"

15	Write a JavaScript program to pass a JavaScript function as parameter to another function
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