

Javascript Exercise

1. Write a JavaScript function to get the first and last element of an array. Passing a parameter 'n' will return the first 'n' elements of the array and last 'n' elements of the array.
2. Write a JavaScript program which accept a number as input and insert dashes (-) between each two even numbers.
3. Write a JavaScript program to find the most frequent item of an array.
4. Write a JavaScript program to shuffle an array.
5. Write a JavaScript program to compute the union of two arrays, and Write a JavaScript function to find the difference of two arrays.
6. Write a JavaScript function to fill an array with values (numeric, string with one character) on supplied bounds.
`console.log(num_string_range('a', 'z', 2));`
`["a", "c", "e", "g", "i", "k", "m", "o", "q", "s", "u", "w", "y"]`
7. Write a JavaScript function to get the month name from a particular date.
8. Write a JavaScript function to get difference between two dates, from maximum unit to minimum unit.
9. Write a JavaScript function to convert a Unix timestamp to time.
10. Write a JavaScript function to get time differences in years, months, weeks, days, hours and minutes between two dates.
11. Write a JavaScript function to hide email addresses to protect from unauthorized user.
`"abc...@example.com"`
12. Write a JavaScript function to insert a string within a string at a particular position (default is 1).
13. Write a JavaScript function to chop a string into chunks of a given length.
`console.log(string_chop('RapidOpsSolution',2));`
`["Ra", "pi", "dO", "ps", "So", "lu", "ti", "on"]`
14. Write a JavaScript function to remove HTML/XML tags from string.
`'<p>Javascript Exercises</p>`
`"Javascript Exercises"`
15. Write a pattern that matches e-mail addresses.
16. Write a JavaScript function to print an integer with commas as thousands separators.
17. Write a JavaScript function that creates a table, accept row, column numbers from the user, and input row-column number as content (e.g. Row-0 Column-0) of a cell.
18. Write a JavaScript function to print array of object in ascending order on age, descending order on name. (Make array of object with three fields are 1. Id, 2. Name, 3. age) NOTE: Array have minimum 10 objects.
19. Write a JavaScript function to delete particular object from array and add new object at particular position.
20. Write a JavaScript function that display list of name according to hobbies group.
`{`
`Id:1,`

```
Name: 'abc',  
Age: 25,  
hobbies:['reading','travelling','music']  
},{  
Id:2,  
Name: 'xyz',  
Age: 23,  
hobbies:['reading','drawing','music']  
}]
```

NOTE: array have minimum 5 objects, and all object have minimum 1 hobby

Expected output:

```
Reading: ['abc', 'xyz'],  
Travelling: ['abc'],  
Music: ['abc', 'xyz'],  
Drawing: ['xyz']
```