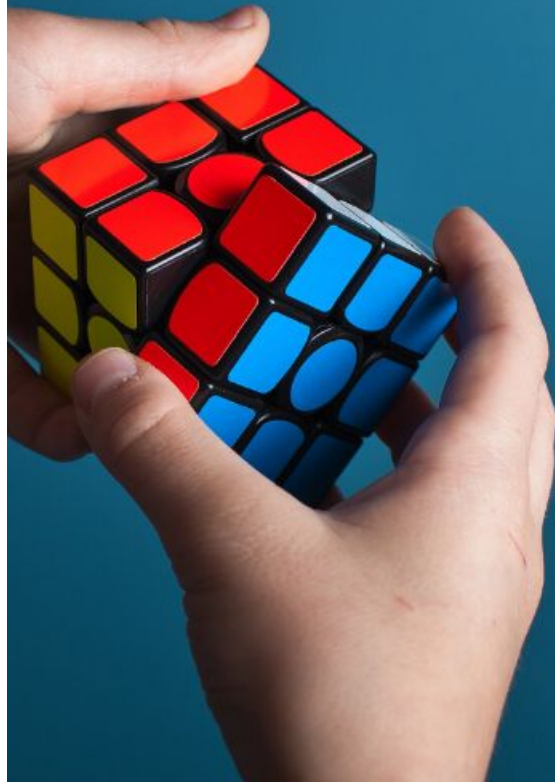


JAVASCRIPT PRACTICE EXERCISES



{ Junior
Developer
Central }

JavaScript Practice Exercises

For Beginners

—

Junior Developer Central

<https://www.youtube.com/juniordevelopercentral>

<https://www.juniordevelopercentral.com/>

Part 01

<https://youtu.be/N65RvNkZFGE>

Exercise 1:

Write a JavaScript program to check two numbers and return true if one of the number is 100 or if the sum of the two numbers is 100

Exercise 2:

Write a JavaScript exercise to get the extension of a filename.

Exercise 3:

Write a JavaScript program to replace every character in a given string with the character following it in the alphabet

Exercise 4:

Write a JavaScript program to get the current date.

Expected Output : mm-dd-yyyy, mm/dd/yyyy or dd-mm-yyyy, dd/mm/yyyy

Exercise 5:

Write a JavaScript program to create a new string adding "New!" in front of a given string. If the given string begins with "New!" already then return the original string.

Part 02

<https://youtu.be/U0Ce27IA7R4>

Exercise 1:

Write a JavaScript program to create a new string from a given string taking the last 3 characters and added at both the front and back. The string length must be 3 or more, if not, the original string is returned.

Exercise 2:

Write a JavaScript program to extract the first half of a string of even length.

Exercise 3:

Write a JavaScript program to concatenate two strings except their first character.

Exercise 4:

Given two values, write a JavaScript program to find out which one is nearest to 100

Exercise 5:

Write a JavaScript program to check a given string contains 2 to 4 occurrences of a specified character.

Part 03

https://youtu.be/0_sbUwVU32k

Exercise 1:

Write a JavaScript program to find the number of even digits in a an array of integers

Exercise 2:

Write a JavaScript program to find the number of even values up to a given number

Exercise 3:

Write a JavaScript program to check whether a given array of integers is sorted in ascending order

Exercise 4:

Write a JavaScript program to get the largest even number from an array of integers.

Exercise 5:

Write a JavaScript program to replace the first digit in a string (should contain at least one digit) with a \$ character.

Part 04

<https://youtu.be/FGklOjedW7E>

Exercise 1:

Given a year, report if it is a leap year.

Exercise 2:

Write a JavaScript program to compare two objects to determine if the first one contains the same properties as the second one (which may also have additional properties). For example, objA and objB are equal (but not equal to objC).

```
const objA = { a: 1, b: 1, c: 1 };
```

```
const objB = { a: 1, b: 1, c: 1 };
```

```
const objC = { a: 1, b: 1, d: 1 };
```

Exercise 3:

Write a JavaScript program to convert a comma-separated values (CSV) string to a 2D array. A new line indicates a new row in the array. Example input:

```
abc,def,ghi
```

```
jkl,mno,pqr
```

```
stu,vwx,yza
```

Exercise 4:

Write a JavaScript program to generate a random hexadecimal color code.

Exercise 5:

Write a JavaScript function that returns true if the provided predicate function returns true for all elements in a collection, false otherwise.

Part 05

<https://youtu.be/Alo1giKd3s8>

Exercise 1:

Write a JavaScript function that returns a passed string with letters in alphabetical order.

Example string: 'webmaster'

Expected Output: 'abeemrstw'

Exercise 2:

Write a JavaScript function that accepts a string as a parameter and counts the number of vowels within the string.

Exercise 3:

Write a JavaScript function to convert an amount to coins.

Example input: 46 and possible coins 25, 10, 5, 2, 1

Output: 25, 10, 10, 1

Exercise 4:

Write a JavaScript function to extract unique characters from a string.

Exercise 5:

Write a JavaScript function to find the first not repeated character

Example string: 'abacddbec'

Expected output: 'e'