Frontend utils study plan

Implement a series of real-life front-end util methods. Each of these is taken from a real React-based project. It's highly likely that you will be asked a similar question in your interview.

26 challenges

Leap year
Write a function that checks if the input is a leap year
`BEGINNER`
#JavaScript #util

Random in range
Write a function that returns a random integer between min and max values
`BEGINNER`
#JavaScript #util

Format Money
Write a helper function that takes in a number and returns it formatted as money.
`BEGINNER`
#JavaScript #string #util

Join two arrays
Use your data manipulation skills to join two arrays together
`BEGINNER`
#JavaScript #algorithm #util

Random
Write a function that returns a random integer
`BEGINNER`
#JavaScript #util

Generate a random color
Write a function that generates a random color in a hexadecimal format
`BEGINNER`
#JavaScript #util #string

Convert a string to slug
Write a function that can convert an input string to slug format
`BEGINNER`
#JavaScript #util #string

Capitalise a word
Write a function that will capitalise the provided string.
`BEGINNER`
#JavaScript #util #string

Add ellipsis to a string
Write a function to truncate a string to a specified length and add an ellipsis (...) if the string is longer than the specified length.
`BEGINNER`
#JavaScript #util #string

Shuffle an array
Write a function that takes in an array and shuffles it like a deck of cards
`BEGINNER`
#JavaScript #util #array

Get initials
Write a function that accepts an object and returns initials
`BEGINNER`
#JavaScript #util #object

Range
Create a range function for generating an array of numbers starting from a given start value and ending before a given end value
`INTERMEDIATE`
#JavaScript #util #array

Get domain name
Write a function that parses the domain name from the input URL.

`INTERMEDIATE`   #JavaScript #string #util

Limit function execution I
Write a function that limits the number of times a callback function can be called

`INTERMEDIATE`   #JavaScript #util

Compare two arrays
Write a helper function that compares two arrays.

`INTERMEDIATE`   #JavaScript #array #util

Limit function execution II
Write a function that limits the number of times a callback function can be called

`INTERMEDIATE`   #JavaScript #util

Get value from an object
Write a function that will get any value from an object

`INTERMEDIATE`   #JavaScript #util #object

Get time left
Write a helper function which returns time left in a human-readable format.

`INTERMEDIATE`   #JavaScript #util #string

Validate Email Address
Write a helper function that checks if the user provided a valid email address.

`INTERMEDIATE`   #JavaScript #util #string

Validate Passwords
Write a helper function that validates provided user passwords.

`INTERMEDIATE`   #JavaScript #util #string

Capitalise all words
Capitalise all words in the input string.

`INTERMEDIATE`   #JavaScript #util #string

Compare two objects
Write a helper function that compares two objects.

`INTERMEDIATE`   #JavaScript #util #object

Get credit card provider
Validate if a card number is valid and return it's provider.

`EXPERT`   #JavaScript #util #object #string

Compare two arrays II
Write a helper function that compares two arrays with a slight twist.

`EXPERT`   #JavaScript #util #array

Check password strength
Implement a function that takes a string as input and returns a string indicating the strength of the password.

`EXPERT`   #JavaScript #util #string

Camelise object
Write a function that transforms object keys from snake_case to camelCase

`EXPERT`   #JavaScript #util #object