Java Script – Loop Practice

Various types of Loops In JS

A screenshot of a computer

Description automatically generated

What is loop - A blue rectangle with white text

Description automatically generated with medium confidence

A screen shot of a computer code

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Output : print each number from 0 to 9

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Let’s do in decrement way from 10 to 0

A picture containing text, multimedia software, software, font

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Output

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Let’s declare the for loop in another way.

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Let’s try to iterate over the for loop over the array.

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Output

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Using the for of loop – to iterate over each element **inside the array.**

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Output: -

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If we use the for in loop – to iterate over the array it wi**ll print the indexes – this is the difference between the for in loop and for of loop**.

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Output

A picture containing text, screenshot, font

Description automatically generated

Using the for each loop inside the array to print each element inside the loop

A screenshot of a computer screen

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Output

A black background with white text

Description automatically generated with low confidence

Usage of for of – loop to print each character of the string

A picture containing text, font, screenshot

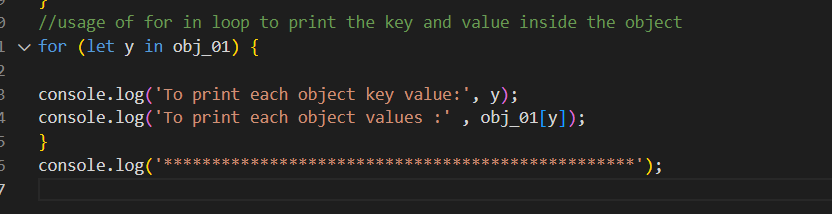
Description automatically generated

Output

A black rectangle with white text

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Usage of for – in loop to print each object value inside the string.



Output

A screen shot of a computer screen

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We can run the same Java Script code inside the Browser Console

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Usage of while loop **– initialise the value, give the condition inside the while loop and if the condition satisfies come out of the while loop**.

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Output

A picture containing text, screenshot, font

Description automatically generated

If we use the continue statement inside the loop – condition will not be executed inside the loop, and it will come out of the loop.

If the output value is equal to 6 – it will not print the values inside the loop

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Output

A screenshot of a computer program

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Usage of do while loop – where the condition will be executed at least once

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Output

A screen shot of a computer

Description automatically generated with medium confidence