Chapter 3 - Loops & Functions
We use loops to perform repeated actions. For example - If you are assigned a task of printing numbers from 1 to 100, it will be very hectic to do it manually. Loops help us automate such tasks
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will be very hectic to do it manually
mobe help we automate such tasks
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Types of loops in JavaScript
The state of the same of the s
for loop - loop a block of lode no of times
for in loop - loops through the Reys of an Object
for of loop - loops through the values of an object
while book - loops a block based on a specific Condition
do-while loop & while loop variant which runs atleast once
Le 1 De la
The for loop
The syntax of a for loop looks something like
Thus
Foul statements, sht. 10, off 10)6
for (statement 1; statement 2; statement 3) {
3
statement 1 is executed one time
Statement 2 is the condition base on which
the loop runs (loop body is executed)
the loop runs (loop body is executed) - statement 3 is executed energtime the loop body
is executed
Mary Land War Land What de day
Quick Quiz: Write a sample for loop of your choice.

The for-in loop tooks like this for (key in object) {

1/ code to be executed

3 Quick Quiz: Write a sample program demonstrating Note - for - in look also work with arrays which will be discussed in the later videos The for- of bop looks like this

The syntax of for-of bop looks like this

for every kration

for (Variable of jerrable) & Iterable data Skructure like Arrays,

3

Skrings et: Quick Quiz: Write a sample program demonstrating The while loop looks like this & While (condition) {

11 tode to be executed Note: If the condition never becomes false, the loop will never end and this might crash the runtime.

	Quick Auiz: Write a sample program demonstrating		
	while loop.		
4	The do-while loop		
	The do while loop syntax looks like this:		
	Complete the property of the p		
	11. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		
	11 code to be executed => Executed at least once		
	while (condition)		
	Quick Quiz: Write a sample program demonstration de vohile loop		
	de 1. shile long program ruemonstraus		
	Functions in Java Script A Java Script function is a block of rode designed to perform a particular task.		
	A JavaScript function is a block of rode		
	designed to perform a particular task.		
	I remarks at the state of the s		
	Syntax of a function looks something like this:		
A	function my func () ?		
	7 /1 Code		
	3		
	Complian Limit (1) to the total		
	function binod tune (parameter 1, parameter 2) }		
	function binod Func (parameter 1, parameter 2) { 1/ Code 3 Function with parameters		
	t unction with parameters		
80000	Here the parameters behave as local variables		
	excellent the said company to the said has the said to		

binod func (7,8) => Tunction Invocation			
Function invocation is a way to use the code inside the function			
inside the function	*		
A function can also return a value. The is "returned" back to the caller	Value		
	-		
Const sum = $(a,b) \Rightarrow 2$	2/		
(4, b) -/ 2	2		
Another way to create & let $c = a + b$; use the function return c ; \Rightarrow Returns	the sum		
7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Wite a function to find mean of 5 rundy	1		
let y = Sum (1, 3)	2		
let $y = Sum(1,3)$ console $log(y) \rightarrow Prints 4$			
Complete Miller and Control of Comments			