Javascript Execution context This simply mean how jour script executes a program. Is runs a program in two phases. the smoothing place all the mariables are called when ever a code block is given there will alusays be a Global Execution context. The values of this content can be fetch using console log (this) as discussed before The Global Execution context vary & for different code Enviorment, There is one more Execution context that is function Execution context. This is percentage as the transfer of One more is there Eval Execution context which is related when we are working with mongoose.

The two phases in which Is execute a program is is Memory Creation phase or creation phase > In this phase only memory is allocated (ii) Execution phase > your code get executed. Understanding whole concept using example> let vall = lo tore quality and let 11012 = 5 function add Num (numl, num2) En dim 3322 let total = numl + num2 neturn total 3 It must remember has been the thing the let result = add Num (vall, val2) let nexult2 = add Num(10,2) Jamascript Erecution context O Global Execution -> this @ Memory Phase > and a must 27 managed In this phase all the variables are collected and memory is allocated a vous maked alutaria con estatal francis contrator contrator vall → undefined val 2 -> um defined h

Am case of result! addNum will make it's own execution context and this happen every—time function is called.

addNum => new variable emviorment

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Execution Thread

3 Execution Phase >

vall < 10

Every time a new Execution content is created the process will repeat for that content as in above case

Memory Phase of add Num > mail

vall → undefined This context is

val 2 → undefine where you define

total → undefined a function, not

where you call it

Execution context of addNum >

num! < 10

num! < 5

(total) < 15

now as we see that we are returning a total, it will get return to global execution of parent enviorment.

now after all this is done the new execution context that was created get deleted as well.

This is known as en first cycle.

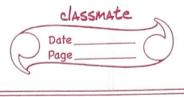
addNum→ defination result1→ undefined

nesult 2 > undefined

Cumrtian focustion content

Second cycle is execution phase.

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	now in parent execution								
	value 15.								
	Same will happen with result?								
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	global execution.								
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	now suppose there is a function one								
Dr.	and you call that function. The function								
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	nou suppose there is function inside a function								
	function one () {								
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	a total, it will get heturn to gland!								
	First one () will go in the stack and as								
	one is still in execution the two will								
MIL	be called, and after two co finish it's execution								



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