Date:	i	3	
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And the second

Service of the Servic	Enecution content
	In Javascript everything happens inside the enecution content.
0	It is like a saled-off container where gavascrift sums inside it.
	Containele
	Memory Component Cocle Component (Variable envisonment) (Thread of enecution)
	the all the variables. The place where coste and functions in key value is enecuted one line pairs. at a time.
	gairs. at a time.
	Menory component cocle component
10	α 3 10 functions : ξ3
	1 34 King of The Color of The C
č	when a sivascript projourn is our, a Global Enecution Content (CIEC) is created, even if we don't write a single line of II porpour

Page No. Is crucuson created in 2 ways code enecution plane cocation phase Memory occasion phose eg var n=2; function Quere (num) {
var ans = num # num;

defum ans; voir squered 2 square (4); Creation share

I. All the variables get the memory

in memory space with a special value

"unclefused"

They are presally hoisted

All the functions (classical) get the memory space with its exact value in it. Is they are completely how ted.

NOTE -> We learn about hoisting in laters up coming classes.

Date: / / Page No.

	Spilling A st
Menory comforment	Code Component
n & unclefused	C 4 - 14 - 14 - 15 - 15 - 15 - 15 - 15 -
Square & { }	
Square 2 & undefined	
quare 43 undefince	7
43	

Encution ghase by storets going through the program line by line or and enecute it.

Conkert Global Enecution Cocle Component Enecution content Memory coole any: 2 × 2 num3 2 ans; num & zetur 4 Square & " ungh fried premony Coole Square 4 3 unopficiel ans = 4 d 4 num! 4 ary | num & 16 Jetwen 16

Page No. its place in the script. Some other names of call stack is La Bougram Stack La combol etacle La Runtine Stack La Machine stack La Execution content stack so whenever we sun IS file, before enceuting a sirigle line of cocle, a Global Execution content (9. E.C) is created in the cell stack - and it is popped out from the stack. after enecuting all the commands of soupt. F. E. C. - content

G. E. C. - content apli stack As we know, Is is a single the Arreaded, synchronous programming language because it has only

call stock, so Is enjure eneute
fue command one by one at a dine.
operations are performed in Is (because
operations are performed in Is (because these operation take sometime to generate ocaponse).
oferation (leaves this later).
Cleans This laker).
So we get 2 things from the Global Enecution Content
Glosal Eneculson Content
Global object 'this' keyword in JS (Boowser -> winclow Object)
Object)
console > this
> this window. object In case of
> this === window Boowser.
-> true