



es.	Kahul Aher
3	Page No. Date
(3)	We finally invoked function three by first ()()()
int our	function third printed breakfast, lunch & dinner
81000	But wait !!! How did function there get access
	to breakfact and lunch when the functions owing
	them were popped of the stack?
	The late of the the transfer of their or inumber
	> well, the magic lies in closures. Hours
	16t breakfast = 'Breakfast'; 111
	-> closuse is actually a feature by JavaScript.
	THE TUNCH = LUNCH;
	let's say we have a closure box
	somewhere, when JE sees that
	transité ranbreakfast in accessed, somewhere
Harani	the standards to down the line, it put's breakfast
	e" system into the closure box.
	the second contract of the con
	-> Even though first is done executing, it keeps variable
	breakfast in the closure box.
	-> similarly it sees lunch is being accessed later, and
	puts it in closure box.
	Mattin output >> Breakfast => tunch => dinner
	-> Function third will now get access to breakfast
	and launch from closufe box - NOV MANN &O
	(notes to First got poshed on the call stack and when I
CK.	-> Well, we also declared a variable
Continue on	called random inside second.
<u>lastual</u>	Lunch to the to those wit belown and the
	Breakfast why is it not in the closure box?
	Becaused it's not being referenced.
3 racks.	fundion time. So second is nopped one time
The same	

	Rahul Aher
	Page No.
	Dete
	relater and can be cleaned up the garbage collector:)
	1) Functions are first class citizens.
	functions can be returned from another functi
	Trom another tunor.
	2 Lexical Scope.
	what variables we have access to depends on
	where the function was declared.
-	so using the concept of higher order functions and
	supre chaining, we can enable closures.
*	NOTE
	1) First and second are both higher order functions
	as they bothe return functions,
	@ Before we actually executes the code, the JE
	Knows what variables your code has access to.
-	