

	Function Declaration
	$T = f(x_1, x_1) $ { body }
	start I: code for body
	Inside code for badel
•	Each return E; franslates into:
	code to evaluate E
	AR. return Value = results of above evaluation
	goto AR. returnAld; / goto the label contained in AR. returnAld
0	Each return; franslates into:
	goto AR. sturn All
•	IF there is no return statement, insert: goto AR returnfuld at the end of body code
	Apply to fact function:
	· combine special senanties for if-else, function bades, (function call)
	· AR = the activation record for the function currently being executed
	-AR'= the activation record for the called function to be pushed
	start Fact: code to evaluate "AR. n = 1"
	b= result of above code
	if (b=0) and Else;
	AR. return Value = 1;
	goto AR returnAld;
	anto out
	Else: code to evaluate "AR. n-1";
	m= result of above evaluation;
	create new AR';
	fill the with necessary data
	AR' = M
	AR' return Add = "return Fact"
	puel AR' onto runtine stack
	goto sartfact

ceturn Fact: AR. f = AR. return Value
pop AR' from runtine stack
code to evaluate AR. n # AR.+
AR. return value = result of above evaluation
goto AR. returnfuld
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