





MacLennan's Principles (3)			
• Labeling			
 Avoid arbitrary sequences more than a few items lo Do not require the user to know the absolute position an item in a list. Instead, associate a meaningful lab with each item and allow the items to occur in any or 	ng. on of oel order.		
- Case statement, position-independent parameters.			
Localized Cost			
 Users should only pay for what they use; avoid distributed costs. 			
– Violations: Algol60 loops, dynamic type binding.			
990128; P.F. Reynolds CS655	4		



















































What's this violate?				
VAR i: INTEGER	R;			
PROCEDURE ref VAR x: INTEGH BEGIN j:= 2; x:= j+i; WRITELN (x) END; {ref}	E (VAR j: INETGER); ER;			
BEGIN i:= 1; ref(i);				
END.				
990128; P.F. Reynolds	CS655	30		

What's this violate?			
TYPE stackType=ARRAY stptr=^stackType;	Y[0100] OF INTEGEI	R;	
FUNCTION f0 (x: INTEG FUNCTION f1 (x: INTEG	GER; y:BOOLEAN): st GER; y: BOOLEAN): st	ptr; OK! tackType ERROR!	
990128; P.F. Reynolds	CS655	31	





990128; P.F. Reynolds

CS655

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