AREA power, CODE, READONLY N value					Number of stacks
riter power, code, ite		ENTRY		N value	Number of stacks
Main		ADR sp,Stack MOV r0,#4		0	1
				1	2
		STR r0,[sp,#-4]!		2	3
		BL Func		3	4
		LDR r1,[sp],#4		4	4
		STR r1, result		5	5
Loop	B Loop			6	5
гоор	В гоор			7	6
Func		STMDB sp!,{fp,lr,r1-r3}		8	5
Turic		MOV fp,sp		9	6
		LDR r2,[fp,#20]		10	6
		SUB sp,sp,#4		11	7
		TST r2, #0x1		12	6
		BLNE Odd			<u> </u>
		CMP r2,#0x0			
		BLNE Even			
		MOV r2,#1			R3
		STR r2,[fp,#20]			
		ADD sp,sp,#4			
		LDMIA sp!,{fp,pc,r1-r3}			R2
		LDIVITA Sp:,\[ip,pc,i1-i3]			
Odd		LDR r1,base			
		SUB r2,r2,#1			R1
		STR r2,[fp,#-4]			
		BL Func			
		LDR r2,[fp,#-4]			
		MUL r3,r2,r1			lr
		STR r3,[fp,#20]			
		ADD sp,sp,#4			
		LDMIA sp!,{fp,pc,r1-r3}			
					fp
Even		LSR r2, #1	SP		
		STR r2,[fp,#-4]			
		BL Func			
		LDR r2,[fp,#-4]			Parameter
		MUL r3,r2,r2			
		STR r3,[fp,#20]			
		ADD 114			I

ADD sp,sp,#4

SPACE 0x100

DCD 0x0000

DCD 0x0000 DCD 0x0002

END

Stack

result

base

LDMIA sp!,{fp,pc,r1-r3}

AREA power, DATA, READONLY

+16

+12

+8

+4

0

-4