main's stack frame:						]			]			]			]		
byte-offset		(1 <sup>st</sup> byte of)	byte-offset		(1 <sup>st</sup> byte of)	byte-offset		(1 <sup>st</sup> byte of)	byte-offset		(1 <sup>st</sup> byte of)	byte-offset		(1 <sup>st</sup> byte of)	byte-offset		(1 <sup>st</sup> byte of)
from SP(current)		associated variable	from SP(current)		associated variable	from SP(current)		associated variable	from SP(current)		associated variable	from SP(current)		associated variable	from SP(current)		associated variable
3F(current)	- 1	variable	Sr(current)		variable	Sr(current)		variable	3F(current)	- 1	variable	3r(current)	ı	variable	3r(current)		variable
												223					
									175	'\0'		222 221	used3				
			84	'\0'		129	'\0'		173	, ,		220		used3			
			83	1 1		128	1 1		173	')'		219					
			82	1:1		127	1:1		172	'ន'		218	used4				
			81	'1'		126	'4'		171	'e'		217	uscu4				
			80	'a'		125	'a'		170	'У'		216		used4			←SP (old)
39			79 70	1 1		124	' '		169	<u> </u>		215	'\0'		431		
38 37	\$s0)	(callee-saved)	78 77	'd' 'e'		123 122	1 1		168 167	'='		214 213	<u>'.'</u>		430 429	\$ra	
36			77 76	's'		122	1 1		166	's'		213	- <u>:</u> -		429		
35			75 75	's'		120	1 1		165	'r'		211	'e'		427		
3/1	arg9		74	'e'		119			164	'e'		210	'У'		426	\$fp	
33	args		73	'c'		118	' '		163	'h'		209	'b'	byeStr	425	ŞTÞ	
32			72	'0'		117	1 1		162	't'		208	'\0'		424		
31			71	'r'		116			161	'0'		207	! = !				
30 29	arg8		70 69	'p' '\0'	procA1Str	115 114	'\0'	commA4Str	160 159	1,1		206 205	'=' '='		379		
28			68	1 1		113	1 1		158	'0'		203	'='		379		
27	•••••		67	1:1		112	1:1		157	'n'		203	!=!		377	a4[0]	
26	2207		66	'1'		111	'3'		156	' '		202	'='		376		a4
25	arg7		65	'a'		110	'a'		155	'='		201	'='				
24			64	' '		109	<u>'</u> '		154			200	'='				
23			63	'A'		108			153	'N'		199	<u>'='</u>		331		
22 21	arg6		62 61	't' 'n'		107 106	<u> </u>		152 151	'r'		198 197	<u>'='</u>		330 329	a3[0]	
20			60	'i'		105			150	'0'		196	'='		329		a3
19	•••••		59	'0'		104	1 1		149	1 1		195	'='		320		45
18	arg5		58	'P'		103	1 1		148	'n'		194	'='				
17	args		57	'k'		102	1 1		147	'('		193	'='		283		
16			56	'h'		101	' '		146	' '		192	'='		282	a2[0]	
15			55	'c'	cpaA1Str	100		commA3Str	145	131		191	'=' '='		281		
14 13	\$a3)		54 53	'\0'		99 98	'\0'		144 143	'e' 'ធ'		190 189	!=!		280		a2
12			52	1:1		97	1:1		143	'a'		188	'='				
11			51	'1'		96	'2'		141	'c'		187	!=!		235		
10	\$a2)		50	'a'		95	'a'		140	1 1		186	'='		234	a1[0]	
9	<i>γαΣ</i> )		49	' '		94	' '		139	'r'		185	'='		233	a1[0]	
8			48	'g'		93	!!		138	'e'		184	!=!		232		a1
7			47 46	'n' 'i'		92	' '		137	'h' 't'		183	'=' '='		231		
6 5	\$a1)		46 45	'n'		91 90	1 1		136 135	'0'		182 181	1=1		230 229	used1	
4			44	'n'		89			134	'n'		180	' = '		229		used1
3			43	'i'		88			133	'a'		179	'='		227		
2	\$a0)		42	'g'		87	1 1		132	' '		178	'='		226	used2	
1	yau)		41	'e'		86	' '		131	'0'		177	'='		225	useuz	
0	<u> </u>	SP (current)	40	'b'	begA1Str	85	' '	comA2Str	130	'D'	dacStr	176	'='	dlStr	224		used2
I	ļ			l ∧ l			I 🗼 I			ı "İ			I 🗼 l			I 🛦	
				T			Ţ			T			Ţ			T	

PopulateArray12's stack frame:			]					ı			
byte-offset from		(1° byte of) associated	byte-offset from SP(current)	(1 <sup>31</sup> byte of) associated	byte-offset from SP(current)				(1 <sup>5t</sup> byte of) associated	byte-offset from	(1 <sup>st</sup> byte of) associated
sp(current)  43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 8 7 6 5 4 3 2 2 1 0	'\0' 'ff' 'o' 'a' 'M' '\0' '# 'r' 'e' 't' 'n' 'E' (\$s0)  (\$a3)  (\$a2)	einStr  (callee-saved)	SP(current)  89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45	associated variable  '\0' '')' 'o' 'n' 's' 'r' 'e' 'h' 't' 'o' '',' 's' 'e' 'y' ''' ''' ''' ''' 's' ''' ''' ''' ''	119 118 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90	\$fp  \$fp  '\0' '.' '.' '.' 't' 'n' 'e' 'r' 'n' 'e' 'n' 's' 't' 'n'	d) DW filler ieStr		associated variable	SP(current)	associated variable

ProcArraysA's stack frame:				]							 		
•	e-offset from current)		(1° byte of) associated variable	byte-offset from SP(current)		(1 <sup>st</sup> byte of) associated variable	byte-offset from SP(current)			(1 <sup>31</sup> byte of) associated variable	byte-offset from SP(current)		(1 <sup>st</sup> byte of) associated variable
			← SP (old)										
	31 30 29	\$ra	C Sr (olu)										
	28 27												
	26 25 24	\$fp											
	23 22	(\$t9)											
	21 20 19		caller-saved										
	10	(\$t1)											
	15 14	(\$a3)											
	13 12 11	. 4 3.0 )											
	10 9	(\$a2)											
	8 7 6	/ ė= 1 \											
	5 4	(\$a1)											
	1	(\$a0)											
	0		← SP (current)		•			•					
												Î`	

ProcArraysB's stack frame:	Г		1		7							
byte-off from SP(curre		(1 <sup>st</sup> byte of) associated variable	byte-offset from SP(current)	(1⁵ byte of) associated variable	byte-offset from SP(current)				(1 <sup>st</sup> byte of) associated variable	byte-offset from SP(current)		(1 <sup>st</sup> byte of) associated variable
							1					
31 30		SP (old)										
29 28	ĄΤ	a										
27 26	Ċf	2										
25 24												
23		padding										
21 20 19												
18 17	arc	g <mark>5</mark>										
16 15												
14 13	(\$a	.3)										
12 11												
10 9	(\$a	2)										
8 7 6	<u></u>											
6 5 4	(\$a	1)										
3	/ A	0)										
2 1 0	(\$a											
		SP (current)		<b>I</b>		<b>↑</b>		<b>↑</b>			<b>1</b>	

To be not be n
31 30 29 28 27 26 25 54 23 22 21 20 19 18 17 16 15 14 (\$a3) 12 11 10 9 (\$a2) 9
7

ShowArrayLabeled's stack frame:	(43) 1	hat offer	(0) London (0)	h, de effect		(a)\ bt. = 5\	h. A. office	(4 <sup>31</sup> h. + D
byte-offset from SP(current)	(1³¹ byte of) associated variable	byte-offset from SP(current)	(1° byte of) associated variable	byte-offset from SP(current)		(1 <sup>st</sup> byte of) associated variable	byte-offset from SP(current)	(1° byte of) associated variable
28 28 27	FP (old)  SP (current)							