byte-offset from SP(current)		(1 st byte of) associated variable	byte-offset from SP(current)		(1 st byte of) associated variable	byte-offset from SP(current)					(1 st byte of) associated variable	byte-offset from SP(current)		(1 st byte of) associated variable
45 44 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 7 6 5 4 4 3 7 6 7 7 8 7 8 7 8 8 7 8 8 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8	'\0' '.' 'e' 'y' 'b' '\0' '.' '1' 'a' 'n' 'n' 'i' 'n' 'b' arg6 arg5 (\$a3) (\$a2)	byeStr begA1Str — SP (current)	90 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 54 54 54 54 54 54 54 54 54 54 54 54 54	'\0' ':' '3' 'a' 'i' 'i' '\0' ':' '2' 'a' 'i' 'i' 'i' 'i' 'i' 'i' 'i' 'i' 'i	procA3Str procA2Str	136 135 134 133 132 131 130 129 128 127 126 125 124 123 122 121 120 119 118 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91	'\\0' 's' 'e' 'y' 's' 'e' 'h' 't' 'o' 'n' 'n' 'r' 'o' 'n' 'r' 'o' 'n' 'r' 'e' 'h' 't' 'o' 'n' 'r' 'o' 'n' 'r' 'o' 'n' 'r' 'o' 'n' 'r' 'e' 's' 'a' 'c' 'h' 't' 'o'	dacStr	171 170 169 168 167 166 165 164 163 162 161 160 159 158 157 156 155 154 153 152 151 150 149 148 147 146 145 144 143 142 141 140 139 138 137	\\(\) \\(\) \\ \ \ \ \ \ \ \ \ \ \ \ \	to-DW filler	335 334 333 332 331 330 329 328 283 282 281 280 235 234 233 232 187 186 185 184 183 182 181 180 179 178 177 176 175 174 173 172	\$ra \$fp a3[0] a1[0] used1 used2 used3	← SP (old) a3 a2 a1 used1 used2 used3

CoutCstrNL's stack frame	e:										
	byte-offset from SP(current)		iated	yte-offset from P(current)	(1 st byte of) associated variable	byte-offset from SP(current)			(1 st byte of) associated variable	byte-offset from SP(current)	(1 st byte of) associated variable
CoutCstrNL's stack frame	byte-offset from SP(current) 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14	asso	iated able Si	yte-offset from P(current)	associated	byte-offset from SP(current)			associated	byte-offset from SP(current)	associated
	13 12 11 10 9 8 7 6 5 4 3 2 1	(\$a2) (\$a1) (\$a0) ← SP(cu	rrent)					1			

PopulateArray's stack frame:]]					l	
byte-offset		(1 st byte of)	byte-offset	(1 st byte of)	byte-offset				(1 st byte of)	byte-offset	(1 st byte of)
from		associated	from	associated	from				associated	from	associated
SP(current)	ı	variable	SP(current)	Variable	SP(current)	ı		'	variable	SP(current)	variable
from SP(current) 47 46 45 44 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	'\0' 'f' 'o' 'x' 'a' 'M' '\0' 't' 'e' 't' 'n' 'E' (\$s1)	associated variable moStr einStr padding (hopPtr)	from SP(current) 93	associated variable 100' 10' 11' 11' 11' 11' 11' 11' 11' 1	from SP(current) 119 118 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103	\$ra \$fp '\0' '.' 'd' 'e' 'r'	←SP (old) toDW filler				
8 7 6 5 4 3 2 1 0	(\$a1) (\$a0)	SD (current)	55 54 53 52 51 50 50 50 50 50 50 50 50 50 50 50 50 50	r' O' m' ' r' e' t' n' E' emiStr	102 101 100 99 98 97 96 95	't' 'n' 'e' 's' 't' 'n' 'i'	ieStr				
		SP (current)		<u> </u>						,	l

ShowArrayLabeled's st	ack frame:]]]	
	byte-offset from SP(current)	(1 st byt associa varial	ted from	(1 st byte of) associated variable	byte-offset from SP(current)				(1 st byte of) associated variable	byte-offset from SP(current)	(1 st byte of) associated variable
	31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 11	(\$a3) (\$a2) (\$a1) (\$a0)		Variable	SP(current)			1	Validote	SP(current)	validote

ShiftLeftBy1's stack frame:]			
fro	offset om irrent)		(1 st byte of) associated variable	byte-offset from SP(current)	(1 st byte of) associated variable	byte-offset from SP(current)			(1 st byte of) associated variable	byte-offset from SP(current)	(1 st byte of) associated variable
fr SP(cu	om (rrent) 11	\$fp	associated	from	associated	from			associated	from	associated
:	2 1 0	\$s1	← SP (current)								

MakeAM1D's stack frame:	(1 st byte of)	byte-offset	(1 st byte of)	byte-offset		(1 st byte of)	byte-offset	(1 st byte of)
from SP(current)	associated variable	from SP(current)	associated variable	from SP(current)		associated variable	from SP(current)	associated variable
17 16 15 14 13 12 11 10 9 8 7 6 5 4	padding (\$s1) (\$a3) (\$a2) (\$a0) SP (current)	47 46 45 44 43 42 41 40 39 38 37 36 35 34 (\$t8 33 32 31 30 (\$t2 29 28 27 26 (\$t1 25 24)					