

Main memory

Stack

months

	0	1	2	3	4	5	6	7	8	9
0	'J'	'a'	'n'	'u'	'a'	'r'	'y'	'\0'	'\0'	'\0'
1	'F'	'e'	'b'	'r'	'u'	'a'	'r'	'y'	'\0'	'\0'
2	'M'	'a'	'r'	'c'	'h'	'\0'	'\0'	'\0'	'\0'	'\0'
⋮										
11	'D'	'e'	'c'	'e'	'm'	'b'	'e'	'r'	'\0'	'\0'

months[0][0]

months[0][1]

months[0][6]

months[0][7]

months[1][0]

months[1][1]

months[11][5]

months[11][6]

months[11][7]

months[11][8]

months[11][9]

'J'

'a'

⋮

'y'

'\0'

⋮

'F'

'e'

⋮

'b'

'e'

'r'

'\0'

'\0'