Last login: Thu Jun 1 11:01:19 on ttys000
/Users/krzysztof-test/Documents/Code/Uni/ALP4/Blatt\ 6/Aufgabe3 ;
exit;
(base) ❯ ~ (main) ✗ /Users/krzysztof-test/Documents/Code/Uni/ALP4/
Blatt\ 6/Aufgabe3 ; exit;
In main: creating thread 0
In main: creating thread 1
In main: creating thread 2
In main: creating thread 3
Producer 0 puts 1 into buffer at place 0
Buffer: [1, 0, 0]
Producer 0 puts 2 into buffer at place 1
Buffer: [1, 2, 0]
Producer 0 puts 3 into buffer at place 2
Buffer: [1, 2, 3]
Consumer 1 takes 1
Consumer 1 takes 2
Buffer: [3, 0, 0]
Producer 0 puts 4 into buffer at place 1
Buffer: [3, 4, 0]
Producer 0 puts 5 into buffer at place 2
Buffer: [3, 4, 5]
Consumer 1 takes 3
Consumer 1 takes 4
Buffer: [5, 0, 0]
Producer 0 puts 6 into buffer at place 1
Buffer: [5, 6, 0]
Producer 0 puts 7 into buffer at place 2
Buffer: [5, 6, 7]
Consumer 3 takes 5
Consumer 3 takes 6
Buffer: [7, 0, 0]
Producer 0 puts 8 into buffer at place 1
Buffer: [7, 8, 0]
Producer 0 puts 9 into buffer at place 2
Buffer: [7, 8, 9]
Consumer 2 takes 7
Consumer 2 takes 8
Buffer: [9, 0, 0]
Producer 0 puts 10 into buffer at place 1
Buffer: [9, 10, 0]
Producer 0 puts 11 into buffer at place 2
Buffer: [9, 10, 11]
Consumer 1 takes 9
Consumer 1 takes 10
Buffer: [11, 0, 0]
Producer 0 puts 12 into buffer at place 1
Buffer: [11, 12, 0]
Producer 0 puts 13 into buffer at place 2
Buffer: [11, 12, 13]
Consumer 3 takes 11
Consumer 3 takes 12
Buffer: [13, 0, 0]
Producer 0 puts 14 into buffer at place 1

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Buffer: [13, 14, 0]
Producer 0 puts 15 into buffer at place 2
Buffer: [13, 14, 15]
Consumer 2 takes 13
Consumer 2 takes 14
Buffer: [15, 0, 0]
Producer 0 puts 16 into buffer at place 1
Buffer: [15, 16, 0]
Producer 0 puts 17 into buffer at place 2
Buffer: [15, 16, 17]
Consumer 1 takes 15
Consumer 1 takes 16
Buffer: [17, 0, 0]
Producer 0 puts 18 into buffer at place 1
Buffer: [17, 18, 0]
Producer 0 puts 19 into buffer at place 2
Buffer: [17, 18, 19]
Consumer 3 takes 17
Consumer 3 takes 18
Buffer: [19, 0, 0]
Producer 0 puts 20 into buffer at place 1
Buffer: [19, 20, 0]
Producer 0 puts 21 into buffer at place 2
Buffer: [19, 20, 21]
Consumer 2 takes 19
Consumer 2 takes 20
Buffer: [21, 0, 0]
Producer 0 puts 22 into buffer at place 1
Buffer: [21, 22, 0]
Producer 0 puts 23 into buffer at place 2
Buffer: [21, 22, 23]
Consumer 1 takes 21
Consumer 1 takes 22
Buffer: [23, 0, 0]
Producer 0 puts 24 into buffer at place 1
Buffer: [23, 24, 0]
Producer 0 puts 25 into buffer at place 2
Buffer: [23, 24, 25]
Consumer 3 takes 23
Consumer 3 takes 24
Buffer: [25, 0, 0]
Producer 0 puts 26 into buffer at place 1
Buffer: [25, 26, 0]
Producer 0 puts 27 into buffer at place 2
Buffer: [25, 26, 27]
Consumer 1 takes 25
Consumer 1 takes 26
Buffer: [27, 0, 0]
Producer 0 puts 28 into buffer at place 1
Buffer: [27, 28, 0]
Producer 0 puts 29 into buffer at place 2
Buffer: [27, 28, 29]
Consumer 2 takes 27
Consumer 2 takes 28
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Buffer: [29, 0, 0]
Producer 0 puts 30 into buffer at place 1
Buffer: [29, 30, 0]
Producer 0 puts 31 into buffer at place 2
Buffer: [29, 30, 31]
Consumer 1 takes 29
Consumer 1 takes 30
Buffer: [31, 0, 0]
Producer 0 puts 32 into buffer at place 1
Buffer: [31, 32, 0]
Producer 0 puts 33 into buffer at place 2
Buffer: [31, 32, 33]
Consumer 1 takes 31
Consumer 1 takes 32
Buffer: [33, 0, 0]
Producer 0 puts 34 into buffer at place 1
Buffer: [33, 34, 0]
Producer 0 puts 35 into buffer at place 2
Buffer: [33, 34, 35]
Consumer 3 takes 33
Consumer 3 takes 34
Buffer: [35, 0, 0]
Producer 0 puts 36 into buffer at place 1
Buffer: [35, 36, 0]
Producer 0 puts 37 into buffer at place 2
Buffer: [35, 36, 37]
Consumer 2 takes 35
Consumer 2 takes 36
Buffer: [37, 0, 0]
Producer 0 puts 38 into buffer at place 1
Buffer: [37, 38, 0]
Producer 0 puts 39 into buffer at place 2
Buffer: [37, 38, 39]
Consumer 3 takes 37
Consumer 3 takes 38
Buffer: [39, 0, 0]
Producer 0 puts 40 into buffer at place 1
Buffer: [39, 40, 0]
Producer 0 puts 41 into buffer at place 2
Buffer: [39, 40, 41]
Consumer 3 takes 39
Consumer 3 takes 40
Buffer: [41, 0, 0]
Producer 0 puts 42 into buffer at place 1
Buffer: [41, 42, 0]
Producer 0 puts 43 into buffer at place 2
Buffer: [41, 42, 43]
Consumer 1 takes 41
Consumer 1 takes 42
Buffer: [43, 0, 0]
Producer 0 puts 44 into buffer at place 1
Buffer: [43, 44, 0]
Producer 0 puts 45 into buffer at place 2
Buffer: [43, 44, 45]
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Consumer 2 takes 43
Consumer 2 takes 44
Buffer: [45, 0, 0]
Producer 0 puts 46 into buffer at place 1
Buffer: [45, 46, 0]
Producer 0 puts 47 into buffer at place 2
Buffer: [45, 46, 47]
Consumer 3 takes 45
Consumer 3 takes 46
Buffer: [47, 0, 0]
Producer 0 puts 48 into buffer at place 1
Buffer: [47, 48, 0]
Producer 0 puts 49 into buffer at place 2
Buffer: [47, 48, 49]
Consumer 1 takes 47
Consumer 1 takes 48
Buffer: [49, 0, 0]
Producer 0 puts 50 into buffer at place 1
Buffer: [49, 50, 0]
Producer 0 puts 51 into buffer at place 2
Buffer: [49, 50, 51]
Consumer 1 takes 49
Consumer 1 takes 50
Buffer: [51, 0, 0]
Producer 0 puts 52 into buffer at place 1
Buffer: [51, 52, 0]
Producer 0 puts 53 into buffer at place 2
Buffer: [51, 52, 53]
Consumer 3 takes 51
Consumer 3 takes 52
Buffer: [53, 0, 0]
Producer 0 puts 54 into buffer at place 1
Buffer: [53, 54, 0]
Producer 0 puts 55 into buffer at place 2
Buffer: [53, 54, 55]
Consumer 3 takes 53
Consumer 3 takes 54
Buffer: [55, 0, 0]
Producer 0 puts 56 into buffer at place 1
Buffer: [55, 56, 0]
Producer 0 puts 57 into buffer at place 2
Buffer: [55, 56, 57]
Consumer 2 takes 55
Consumer 2 takes 56
Buffer: [57, 0, 0]
Producer 0 puts 58 into buffer at place 1
Buffer: [57, 58, 0]
Producer 0 puts 59 into buffer at place 2
Buffer: [57, 58, 59]
Consumer 3 takes 57
Consumer 3 takes 58
Buffer: [59, 0, 0]
Producer 0 puts 60 into buffer at place 1
Buffer: [59, 60, 0]
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Producer 0 puts 61 into buffer at place 2
Buffer: [59, 60, 61]
Consumer 2 takes 59
Consumer 2 takes 60
Buffer: [61, 0, 0]
Producer 0 puts 62 into buffer at place 1
Buffer: [61, 62, 0]
Producer 0 puts 63 into buffer at place 2
Buffer: [61, 62, 63]
Consumer 1 takes 61
Consumer 1 takes 62
Buffer: [63, 0, 0]
Producer 0 puts 64 into buffer at place 1
Buffer: [63, 64, 0]
Producer 0 puts 65 into buffer at place 2
Buffer: [63, 64, 65]
Consumer 2 takes 63
Consumer 2 takes 64
Buffer: [65, 0, 0]
Producer 0 puts 66 into buffer at place 1
Buffer: [65, 66, 0]
Producer 0 puts 67 into buffer at place 2
Buffer: [65, 66, 67]
Consumer 3 takes 65
Consumer 3 takes 66
Buffer: [67, 0, 0]
Producer 0 puts 68 into buffer at place 1
Buffer: [67, 68, 0]
Producer 0 puts 69 into buffer at place 2
Buffer: [67, 68, 69]
Consumer 3 takes 67
Consumer 3 takes 68
Buffer: [69, 0, 0]
Producer 0 puts 70 into buffer at place 1
Buffer: [69, 70, 0]
Producer 0 puts 71 into buffer at place 2
Buffer: [69, 70, 71]
Consumer 2 takes 69
Consumer 2 takes 70
Buffer: [71, 0, 0]
Producer 0 puts 72 into buffer at place 1
Buffer: [71, 72, 0]
Consumer 2 takes 71
Consumer 2 takes 72
Buffer: [0, 0, 0]
Producer 0 puts 73 into buffer at place 0
Buffer: [73, 0, 0]
Producer 0 puts 74 into buffer at place 1
Buffer: [73, 74, 0]
Producer 0 puts 75 into buffer at place 2
Buffer: [73, 74, 75]
Consumer 2 takes 73
Consumer 2 takes 74
Buffer: [75, 0, 0]
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Producer 0 puts 76 into buffer at place 1
Buffer: [75, 76, 0]
Producer 0 puts 77 into buffer at place 2
Buffer: [75, 76, 77]
Consumer 2 takes 75
Consumer 2 takes 76
Buffer: [77, 0, 0]
Producer 0 puts 78 into buffer at place 1
Buffer: [77, 78, 0]
Producer 0 puts 79 into buffer at place 2
Buffer: [77, 78, 79]
Consumer 3 takes 77
Consumer 3 takes 78
Buffer: [79, 0, 0]
Producer 0 puts 80 into buffer at place 1
Buffer: [79, 80, 0]
Producer 0 puts 81 into buffer at place 2
Buffer: [79, 80, 81]
Consumer 3 takes 79
Consumer 3 takes 80
Buffer: [81, 0, 0]
Producer 0 puts 82 into buffer at place 1
Buffer: [81, 82, 0]
Producer 0 puts 83 into buffer at place 2
Buffer: [81, 82, 83]
Consumer 3 takes 81
Consumer 3 takes 82
Buffer: [83, 0, 0]
Producer 0 puts 84 into buffer at place 1
Buffer: [83, 84, 0]
Producer 0 puts 85 into buffer at place 2
Buffer: [83, 84, 85]
Consumer 1 takes 83
Consumer 1 takes 84
Buffer: [85, 0, 0]
Producer 0 puts 86 into buffer at place 1
Buffer: [85, 86, 0]
Producer 0 puts 87 into buffer at place 2
Buffer: [85, 86, 87]
Consumer 2 takes 85
Consumer 2 takes 86
Buffer: [87, 0, 0]
Producer 0 puts 88 into buffer at place 1
Buffer: [87, 88, 0]
Producer 0 puts 89 into buffer at place 2
Buffer: [87, 88, 89]
Consumer 2 takes 87
Consumer 2 takes 88
Buffer: [89, 0, 0]
Producer 0 puts 90 into buffer at place 1
Buffer: [89, 90, 0]
Producer 0 puts 91 into buffer at place 2
Buffer: [89, 90, 91]
Consumer 1 takes 89
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Consumer 1 takes 90
Buffer: [91, 0, 0]
Producer 0 puts 92 into buffer at place 1
Buffer: [91, 92, 0]
Producer 0 puts 93 into buffer at place 2
Buffer: [91, 92, 93]
Consumer 1 takes 91
Consumer 1 takes 92
Buffer: [93, 0, 0]
Producer 0 puts 94 into buffer at place 1
Buffer: [93, 94, 0]
Producer 0 puts 95 into buffer at place 2
Buffer: [93, 94, 95]
Consumer 2 takes 93
Consumer 2 takes 94
Buffer: [95, 0, 0]
Producer 0 puts 96 into buffer at place 1
Buffer: [95, 96, 0]
Producer 0 puts 97 into buffer at place 2
Buffer: [95, 96, 97]
Consumer 2 takes 95
Consumer 2 takes 96
Buffer: [97, 0, 0]
Producer 0 puts 98 into buffer at place 1
Buffer: [97, 98, 0]
Producer 0 puts 99 into buffer at place 2
Buffer: [97, 98, 99]
Consumer 3 takes 97
Consumer 3 takes 98
Buffer: [99, 0, 0]
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