|  |  |
| --- | --- |
| Input | Output |
| 116 25  123 65  127 55  112 15  152 75  187 45  132 85  -1 | 112 15  116 25  187 45  127 55  123 65  152 75  132 85  116 25  112 15 (25 L) 123 65 (25 R)  127 55 (65 L) 152 75 (65 R)  187 45 (55 L) 132 85 (75 R) |