

input
memory

| | | | | |
|----|-----------------|-----------------|-----------------|-----------------|
| | | | | |
| 00 | 01, \emptyset | 01, \emptyset | 01, \emptyset | 01, \emptyset |
| 01 | 10, W | 10, W | 00, \emptyset | 00, \emptyset |
| 10 | | | | |
| 11 | | | | |