

```
FIRST WRITE REQUEST --> ADDR:16, DATA:12
DATA WRITE REQUESTED SUCCESSFULLY...!
CLOCK NUMBER 00000110
@echo: CPU can proceed to the next instruction from here.
```

```
CACHE LINE:      1
TAG:      00000000
DATA:      00: 000000000000000000000000000000001100      01: 00000000000000000000000000000000
           10: 000000000000000000000000000000000000      11: 00000000000000000000000000000000
VALIDITY:      1
DIRTY: 1
```

```
-----ANALYZING THE MEMORY CONTENT-----
CLOCK NUMBER 00010011
@echo: Overiding the cache line, forced the content in the first primary cache line
to a line in the victim cache.
```

[illegible]

```
VICTIM LINE: 0  
TAG:      000000000000001  
DATA:     00: 0000000000000000000000000000001100    01: 0000000000000000000000000000000000  
          10: 0000000000000000000000000000000000    11: 0000000000000000000000000000000000  
VALIDITY:        1  
DIRTY:   1  
NMRU:    11
```

VICTIM LINE: 0

[illegible]

```
VICTIM LINE: 1  
TAG:      0000000000000001  
DATA:     00: 000000000000000000000000000000001100    01: 00000000000000000000000000000000  
          10: 000000000000000000000000000000000000    11: 00000000000000000000000000000000  
VALIDITY:         1  
DIRTY:   1  
NMRU:    00
```

[illegible]

```
VICTIM LINE: 3  
TAG:      00000110000001  
DATA:     00: 00000000000000000000000000000000100010    01: 000000000000000000000000000000000000000000000000000  
          10: 000000000000000000000000000000000000000000000000000    11: 000000000000000000000000000000000000000000000000000  
VALIDITY:       1  
DIRTY:   1  
NMRU:    00
```

```
VICTIM LINE: 4  
TAG:      00011100000001  
DATA:     00: 00000000000000000000000000000000    01: 00000000000000000000000000000000  
          10: 00000000000000000000000000000000    11: 00000000000000000000000000000000  
VALIDITY:        1  
DIRTY:   0  
NMRU:    00
```

[illegible]

```
VICTIM LINE: 6  
TAG:      00010100000001  
DATA:     00: 00000000000000000000000000000110001    01: 0000000000000000000000000000000000000000  
          10: 000000000000000000000000000000000000    11: 0000000000000000000000000000000000000000  
VALIDITY:        1  
DIRTY:   1  
NMRU:    10
```

----- VICTIM END -----

```
VICTIM LINE: 0  
TAG:      00000010000001  
DATA:     00: 0000000000000000000000000000010111    01: 000000000000000000000000000000000000  
          10: 000000000000000000000000000000000000    11: 000000000000000000000000000000000000  
VALIDITY:           1  
DIRTY:   1  
NMRU:    00
```

[illegible]

10: 00000000000000000000000000000000 11: 00000000000000000000000000000000
VALIDITY: 1
DIRTY: 1
NMRU: 00

VICTIM LINE: 3
TAG: 00000110000001
DATA: 00: 00000000000000000000000000000000 01: 00000000000000000000000000000000
10: 00000000000000000000000000000000 11: 00000000000000000000000000000000
VALIDITY: 1
DIRTY: 1
NMRU: 00

VICTIM LINE: 4
TAG: 01111110000001
DATA: 00: 00000000000000000000000000000000 01: 00000000000000000000000000000000
10: 00000000000000000000000000000000 11: 00000000000000000000000000000000
VALIDITY: 1
DIRTY: 1
NMRU: 11

VICTIM LINE: 5
TAG: 00000100000001
DATA: 00: 00000000000000000000000000000000 01: 00000000000000000000000000000000
10: 00000000000000000000000000000000 11: 00000000000000000000000000000000
VALIDITY: 1
DIRTY: 1
NMRU: 00

VICTIM LINE: 6
TAG: 00010100000001
DATA: 00: 00000000000000000000000000000000 01: 00000000000000000000000000000000
10: 00000000000000000000000000000000 11: 00000000000000000000000000000000
VALIDITY: 1
DIRTY: 1
NMRU: 01

VICTIM LINE: 7
TAG: 00010000000001
DATA: 00: 00000000000000000000000000000000 01: 00000000000000000000000000000000
10: 00000000000000000000000000000000 11: 00000000000000000000000000000000
VALIDITY: 1
DIRTY: 1
NMRU: 10

----- VICTIM END -----