

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Memory @	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Data	T	h	i	s	-	i	s	-	d	a	t	a	-	f	o	r
Memory @	10	11	12	13	14	15	16	17	18	19	1A	1B	1C	1D	1E	1F
Data	-	o	u	r	-	c	a	c	h	e	-	a	s	s	i	g

Mem @	F	Tag Id	3	Line Id	1	Byte Id	1	
	segment tag	cell 0	cell 1	hit/miss	segment tag	cell 0	cell 1	hit/miss
line 1	3	0	H		0	1	H	
line 0	6	H			1	-	C	

Mem @	6	Tag Id	1	Line Id	1	Byte Id	0	
	segment tag	cell 0	cell 1	hit/miss	segment tag	cell 0	cell 1	hit/miss
line 1	3	0	r		1	5	-	m
line 0	6	h	e		1	-	i	

Mem @	10	Tag Id	4	Line Id	0	Byte Id	0	
	segment tag	cell 0	cell 1	hit/miss	segment tag	cell 0	cell 1	hit/miss
line 1	3	0	r		1	5	-	
line 0	4	0	m		1	-	i	m

Mem @	19	Tag Id	6	Line Id	0	Byte Id	1	
	segment tag	cell 0	cell 1	hit/miss	segment tag	cell 0	cell 1	hit/miss
line 1	3	0	r		1	5	-	
line 0	4	-	0		6	h	0	m

Mem @	7	Tag Id	1	Line Id	1	Byte Id	1	
	segment tag	cell 0	cell 1	hit/miss	segment tag	cell 0	cell 1	hit/miss
line 1	3	0	n		1	5	⊖	4
line 0	4	-	0		6	h	e	

Mem @	11	Tag Id	4	Line Id	0	Byte Id	1	
	segment tag	cell 0	cell 1	hit/miss	segment tag	cell 0	cell 1	hit/miss
line 1	3	0	L		1	5	-	
line 0	4	-	(0)	M	6	h	e	

0 1 1 1

0 1 1 0

1 0 0 0 0

1 1 0 0 1

0 1 1 1

1 0 0 0 1