

## Cache Exercises

### Exercise 1

direct-mapped and stores 4 words (4 sets each with one 1-word block), FIFO

40 48 4c 40 50 58 5c 40 60 48 4c 44 40 60 58 5c

## Exercise 2

direct-mapped, 2 blocks of 2 words, FIFO

40 48 4c 40 50 58 5c 40 60 48 4c 44 40 60 58 5c

### Exercise 3

2-way set associative and stores 4 words, FIFO

40 48 4c 40 50 58 5c 40 60 48 4c 44 40 60 58 5c

#### Exercise 4

2-way set associative and stores 4 words, LRU

40 48 4c 40 50 58 5c 40 60 48 4c 44 40 60 58 5c

## Exercise 5

fully associative and stores 4 words, FIFO

40 48 4c 40 50 58 5c 40 60 48 4c 44 40 60 58 5c