

### Problem 3.1

File Contents
Block 1 <Black 33 OKC 20> <Chapman 44 Edmond 20> <Clinton 55 Tulsa 25> (block 2 *) Block 2 <Ford 66 Enid 25> <Grant 22 Norman 15> <Haas 99 OKC 20> (block 3 *) Block 3 <Hougan 88 Yukon 25> <Johnson 11 Yukon 20> <White 77 OKC 20>

\* indicates  
a pointer

## Problem 3.2

The secondary index on "price\_per\_hour" is a candidate key,  
so bucket addresses will be used in the secondary index  
instead of block addresses

price_per_hour	bucket address
15	bucket 1
20	bucket 2
25	bucket 3

\* indicates a  
record pointer

bucket 1
record 4 *

bucket 2
record 0 * record 1 * record 5 * record 7 * record 8 *

bucket 3
record 2 * record 3 * record 6 *

## Problem 3.3

