CS2055 HW8

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1. Extendible hashing structure:

Global: (3)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 000 | 001 | 010 | 011 | 100 | 101 | 110 | 111 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 0 (1) | 111 (3) | 011 (3) | 101 (3) | 001 (3) |
| 2 = 10  19 = 10100  4 = 100 | 31 = 11111  7 = 111  23 = 10111 | 11 = 1011  3 = 011  19 = 10011 | 29 = 11101  5 = 101 | 9 = 1001  17 = 10001  25 = 11001 |

1. B+ tree