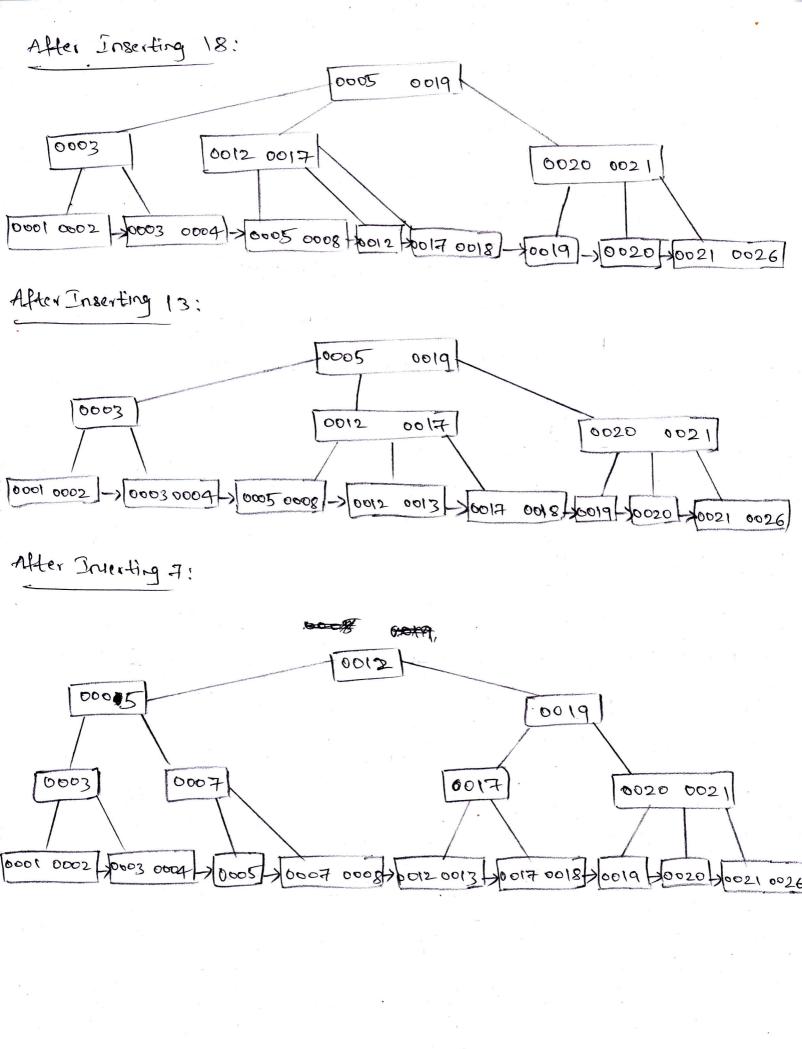
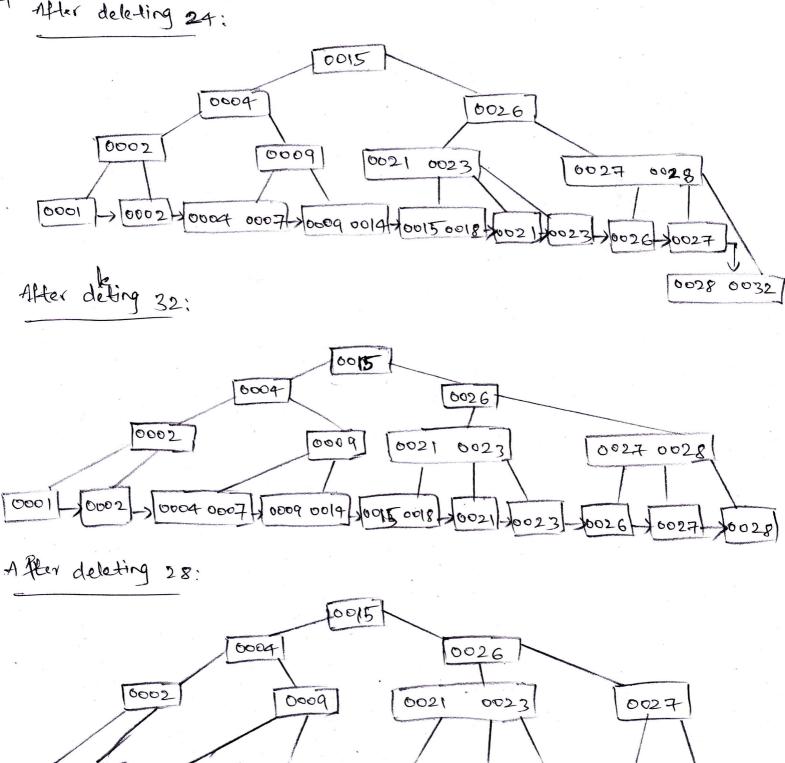
CSCI585 10/30/2015 Vujjini Anuraag MomeWork-4 7619331278 Level - 1 25 entries Level-2 25×26 650 entries Level-3 25 x 26 x 26 16900 entries level-4 25x26x26x26 4 39 400 entries Atleast Four levels are needed to represent 1,00,000 entries 2. After Inserting 1 0005 9100 0003 0012 0020 0021 > 0005 000g + → 0012 0017 → 0019 → 0020 0003 70021 0026 After Inserting 4: 1 100 0005 0012 0003 0021 0020 > 0005 0008 H0012 0017 H0019 0001 0002 0021 0020



3. 7,8,9,10,23,25,26,27,28,29,30,31,32.

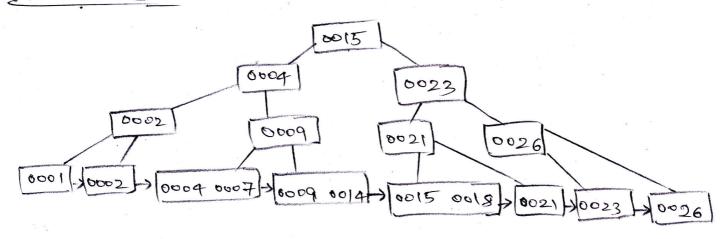
4. After deleting 24:



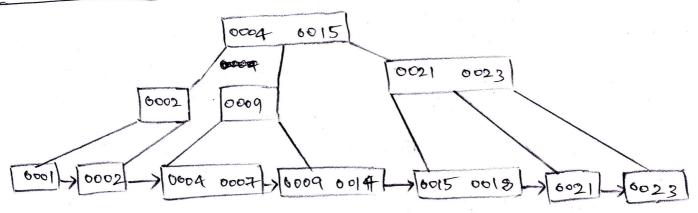
0009 0014 10015 0018 10021-10023

>10026/20027

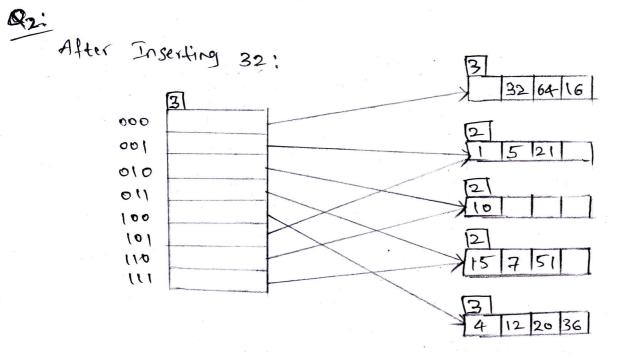
After deleting 27:

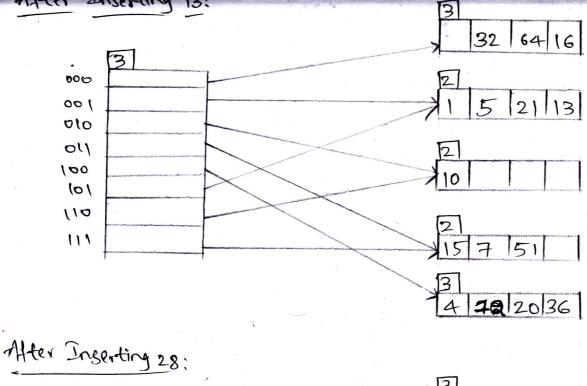


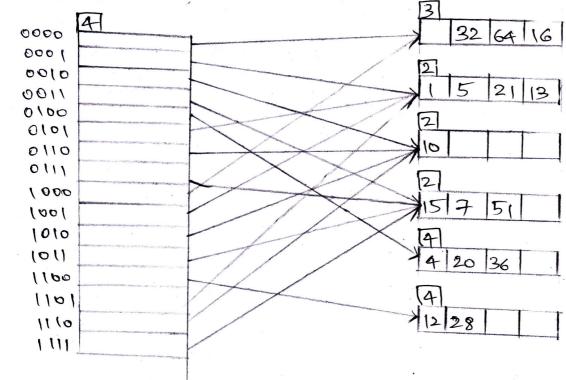
After deleting 26:

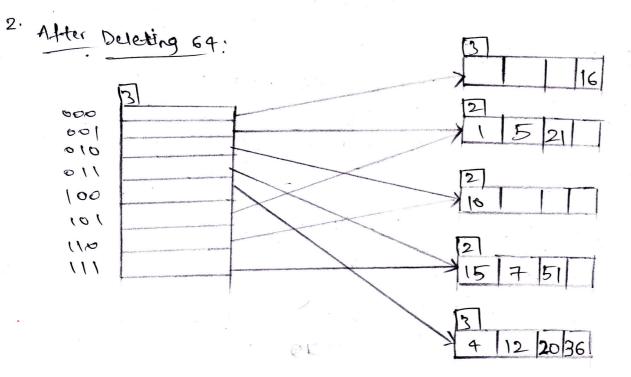




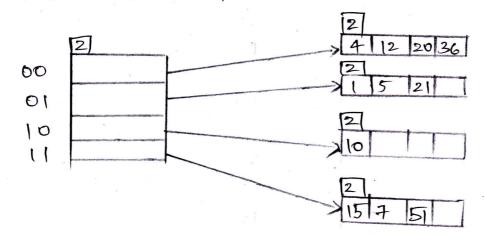








After Deleting 16 global depth reduces to two



Q3:

- 1. clustered B+ Indexing on dobjusername
- 2. Hashing technique on username, ad-id
- 3. Non-clustered B+ Indexing on username, ad-id, price