

Tutorial No. 2

1. Draw and Explain the structure of buffer pool and buffer header
2. Define buffer cache. Give advantages &. disadvantages.
3. Draw the structure of buffer pool and free list header in which Mod 5 hash queue function is used
4. Explain race condition for free buffer and locked buffer
5. Explain algorithm for reading a disk block or explain bread () algorithm
6. Explain algorithm for writing a disk block or explain bwrite () algorithm
7. List the scenarios for retrieval of buffer and Explain the getblk () algorithm and brelse() algorithm
8. Describe scenarios for retrieval of buffer with diagram