

### Tutorial No.3

1. What is inode? List fields from disk inode and in-core inode
2. Explain algorithm for allocation of in-core inodes("iget" algorithm)
3. Explain algorithm for releasing inode("iput" algorithm)
4. Explain structure of regular file
5. Explain structure of directory in Unix
6. Explain process of conversion of pathname to inode with algorithm "namei"
7. What is superblock? List fields of superblock
8. What is remembered inode? how it is useful in inode assignment to a file or Explain algorithm for assigning new inodes ("ialloc" algorithm)
9. Explain algorithm for freeing inode("ifree" algorithm)
- 10.State and explain the algorithm "alloc " for allocating disk blocks