

1. a) `mkdir("/n")`
2. a) `creat("/w")`
3. a) `fd=open("/n/x", O_CREAT|O_WRONLY);`
`write(fd, "o", BLOCKSIZE); close(fd);`
4. a) `unlink("/w");`
5. a)

```
1 inode bitmap 11110000
2 inodes [d a:0 r:3] [d a:1 r:3] [d a:3 r:2] [f a:2 r:1] [] [] [] []
3 data bitmap 11110000
4 data [(.,0) (.,0) (n,1)] [(.,1) (.,0) (x,3) (y,2)] [o] [(.,2) (.,1)]
5 [] [] [] []
```

6. a)

```
1 inode bitmap 11000000
2 inodes [d a:0 r:3] [d a:1 r:2] [] [] [] [] [] []
3 data bitmap 11000000
4 data [(.,0) (.,0) (n,1)] [(.,1) (.,0) ] [] [] [] [] [] []
5
```