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
```