

## 4. Exercises

Using [fsck.py](#):

```
$ python ./fsck.py -n 6 -i 8 -d 8 -c
```

Initial state of file system:

```

      01234567
inode bitmap 10001101

      0          1 2 3 4          5          6 7
inodes  [d a:0 r:3] [] [] [] [d a:3 r:2] [f a:-1 r:1] [] [f a:6 r:1]

      01234567
data bitmap 10010010

      0          1 2 3          4 5 6 7
data    [(.,0) (.,0) (g,4) (t,7)] [] [] [(.,4) (.,0) (x,5)] [] [] [z] []
```

--> determine which files and directories are there

Final state of file system:

```

      01234567
inode bitmap 10001101

      0          1 2 3 4          5          6 7
inodes  [d a:0 r:3] [] [] [] [d a:4 r:2] [f a:-1 r:1] [] [f a:6 r:1]

      01234567
data bitmap 10010010

      0          1 2 3          4 5 6 7
data    [(.,0) (.,0) (g,4) (t,7)] [] [] [(.,4) (.,0) (x,5)] [] [] [z] []
```

--> CORRUPTION = ?