

1 box  $\rightarrow$  TT XX YY ZZ } 8 byte

$$\text{total boxes} = \frac{1024}{8} = 128$$

DI/FI 1-1 data block  
 $\swarrow \quad \updownarrow$   
 directory file

data block  $\rightarrow$  File

directory

"Mr Name Box 2"  
 "1234567890"  
 "01001100011"

$\frac{1024 \text{ byte}}{1 \text{ block}}$

~~FFFF~~  
 $\swarrow$   

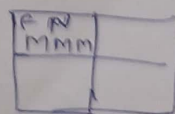
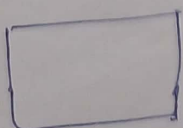
F	Name	MMM
252	252	3

 } 256  
 valid/not F/D name mode number  
 1024

~~1 box~~ ~~total~~

1 data block  $\rightarrow$  sub directory

$$= \frac{1024}{256} = 4 \text{ dir}$$



File Mdl

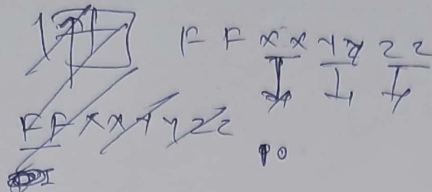
CD-INDEX-ENTRY = mode num. = 0

~~root~~  
curr root

Mod (Home)

get block()  
return block(int)  
get mode()  
return ~~block~~ (int)  
mode

① root mode



make file

① root mode

② 10 data block



② data block

③ P = 1

curr = Home

MMM = get ~~block~~ mode() = 9

③

④ Home mode change

qth mode change

④ rd

① 4

② 11

③ P = 0

qth → TT XX YY ZZ

01 00 00 00

MMM = mode = 0

⑤ cd → Home

① 11

② 11

③ CD-INDEX-ENTRY = MMM

1 dir

max dir / File 212}

④ 15

① 11

② 11

③ print

⑥ (state)

2/3 v = error

file / dir change

dir

⑤ File display

①

②

③ ④ print data block