

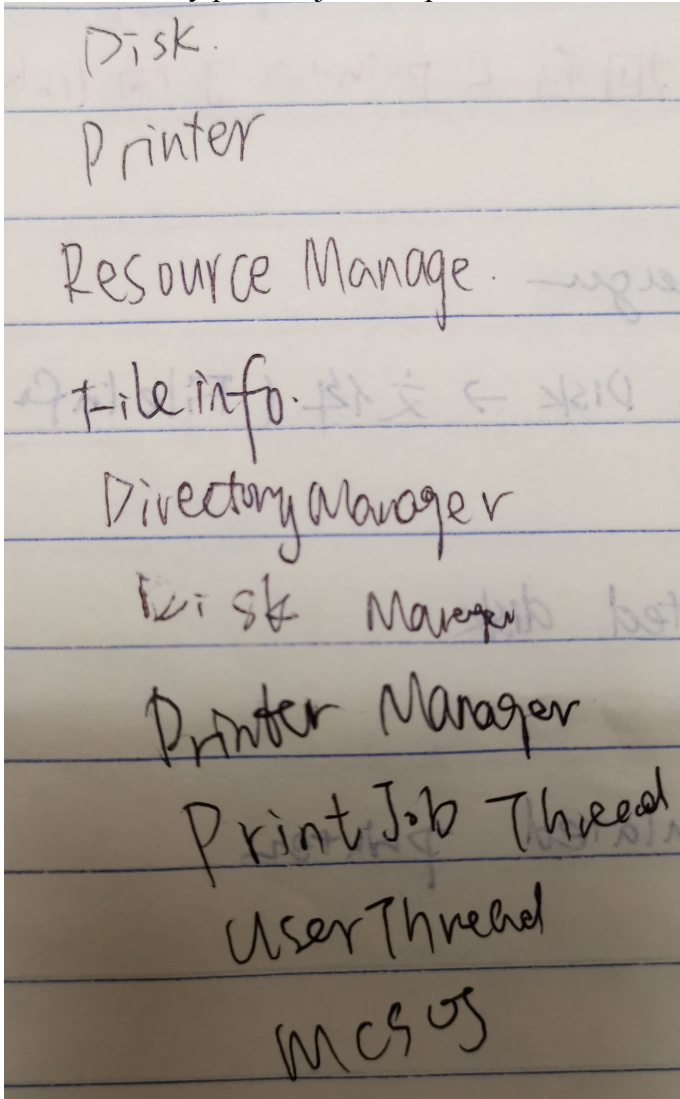
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Results Screenshots

=====start of the write-up=====

MCSOS

There are many parts of java scripts in the OS:



and when javac them all:

```
(base) yuq8@andromeda-47 10:30:41 ~/253P/hw_lab/7
$ make all
javac Disk.java Printer.java ResourceManager.java FileInfo.java DirectoryManager.java DiskManager.java PrinterManager.java PrintJobThread.java UserThread.java MCSOS.java
java MCSOS
(base) yuq8@andromeda-47 10:33:17 ~/253P/hw_lab/7
$ cat PRINTER/PRINTER1
1.W1 W1111111
1.W1 W2222222
1.W1 W3333333
1.W1 W4444444
1.W1 W5555555
4.F1 11111111
4.F2 22222222
4.F3 33333333
4.F4 44444444
4.F5 55555555
1.X1 X1111111
1.X1 X2222222
1.X1 X3333333
1.X1 X4444444
1.X1 X5555555
```

the output is the printers are as following:

```
(base) yuq8@andromeda-47 10:33:17 ~/253P/hw_lab/7
```

```
$ cat PRINTER/PRINTER1
```

```
1.W1 W1111111
1.W1 W2222222
1.W1 W3333333
1.W1 W4444444
1.W1 W5555555
4.F1 11111111
4.F2 22222222
4.F3 33333333
4.F4 44444444
4.F5 55555555
1.X1 X1111111
1.X1 X2222222
1.X1 X3333333
1.X1 X4444444
1.X1 X5555555
3.BAR1 11111111
3.BAR2 22222222
3.BAR3 33333333
3.BAR4 44444444
3.BAR5 55555555
2.Y1 Y1111111
2.Y2 Y2222222
2.Y3 Y3333333
2.Y4 Y4444444
2.Y5 Y5555555
2.Y6 Y6666666
2.Y7 Y7777777
2.Y8 Y8888888
2.Y9 Y9999999
2.Y1 Y1111111
2.Y2 Y2222222
2.Y3 Y3333333
2.Y4 Y4444444
2.Y5 Y5555555
2.Y6 Y6666666
2.Y7 Y7777777
2.Y8 Y8888888
2.Y9 Y9999999
1.X1 X1111111
1.X1 X2222222
1.X1 X3333333
1.X1 X4444444
1.X1 X5555555
4.W1 W1111111
4.W2 W2222222
4.W3 W3333333
4.W4 W4444444
4.W5 W5555555
```

```
(base) yuq8@andromeda-47 10:33:59 ~/253P/hw_lab/7
```

```
$ █
```

```
(base) yuq8@andromeda-47 10:33:59 ~/253P/hw_lab/7
```

```
$ cat PRINTER/PRINTER2
```

```
1.W1 W1111111
1.W1 W2222222
1.W1 W3333333
1.W1 W4444444
1.W1 W5555555
2.Y1 Y1111111
2.Y2 Y2222222
2.Y3 Y3333333
2.Y4 Y4444444
2.Y5 Y5555555
2.Y6 Y6666666
2.Y7 Y7777777
2.Y8 Y8888888
2.Y9 Y9999999
2.Y1 Y1111111
2.Y2 Y2222222
2.Y3 Y3333333
2.Y4 Y4444444
2.Y5 Y5555555
2.Y6 Y6666666
2.Y7 Y7777777
2.Y8 Y8888888
2.Y9 Y9999999
4.W1 W1111111
4.W2 W2222222
4.W3 W3333333
4.W4 W4444444
4.W5 W5555555
1.Z1 Z1111111
1.Z1 Z2222222
1.Z1 Z3333333
1.Z1 Z4444444
1.Z1 Z5555555
1.Y1 Y1111111
1.Y1 Y2222222
1.Y1 Y3333333
1.Y1 Y4444444
1.Y1 Y5555555
4.Z1 Z1111111
4.Z2 Z2222222
4.Z3 Z3333333
4.Z4 Z4444444
4.Z5 Z5555555
4.Y1 Y1111111
4.Y2 Y2222222
4.Y3 Y3333333
4.Y4 Y4444444
4.Y5 Y5555555
```

```
(base) yuq8@andromeda-47 10:42:39 ~/253P/hw_lab/7
```

```
$ █
```

```
(base) yuq8@andromeda-47 10:42:39 ~/253P/hw_lab/7
$ cat PRINTER/PRINTER3
2.Y1 Y1111111
2.Y2 Y2222222
2.Y3 Y3333333
2.Y4 Y4444444
2.Y5 Y5555555
2.Y6 Y6666666
2.Y7 Y7777777
2.Y8 Y8888888
2.Y9 Y9999999
3.BAR1 11111111
3.BAR2 22222222
3.BAR3 33333333
3.BAR4 44444444
3.BAR5 55555555
4.W1 W1111111
4.W2 W2222222
4.W3 W3333333
4.W4 W4444444
4.W5 W5555555
1.W1 W1111111
1.W1 W2222222
1.W1 W3333333
1.W1 W4444444
1.W1 W5555555
3.BAR1 11111111
3.BAR2 22222222
3.BAR3 33333333
3.BAR4 44444444
3.BAR5 55555555
4.X1 X1111111
4.X2 X2222222
4.X3 X3333333
4.X4 X4444444
4.X5 X5555555
4.X1 X1111111
4.X2 X2222222
4.X3 X3333333
4.X4 X4444444
4.X5 X5555555
1.W1 W1111111
1.W1 W2222222
1.W1 W3333333
1.W1 W4444444
1.W1 W5555555
(base) yuq8@andromeda-47 10:43:04 ~/253P/hw_lab/7
$
```