

storage :

temp

RAM

permenant

HDD/SSD



Size

1. less amount of data → file ✓

2. medium scale ✓

Database

my, rev

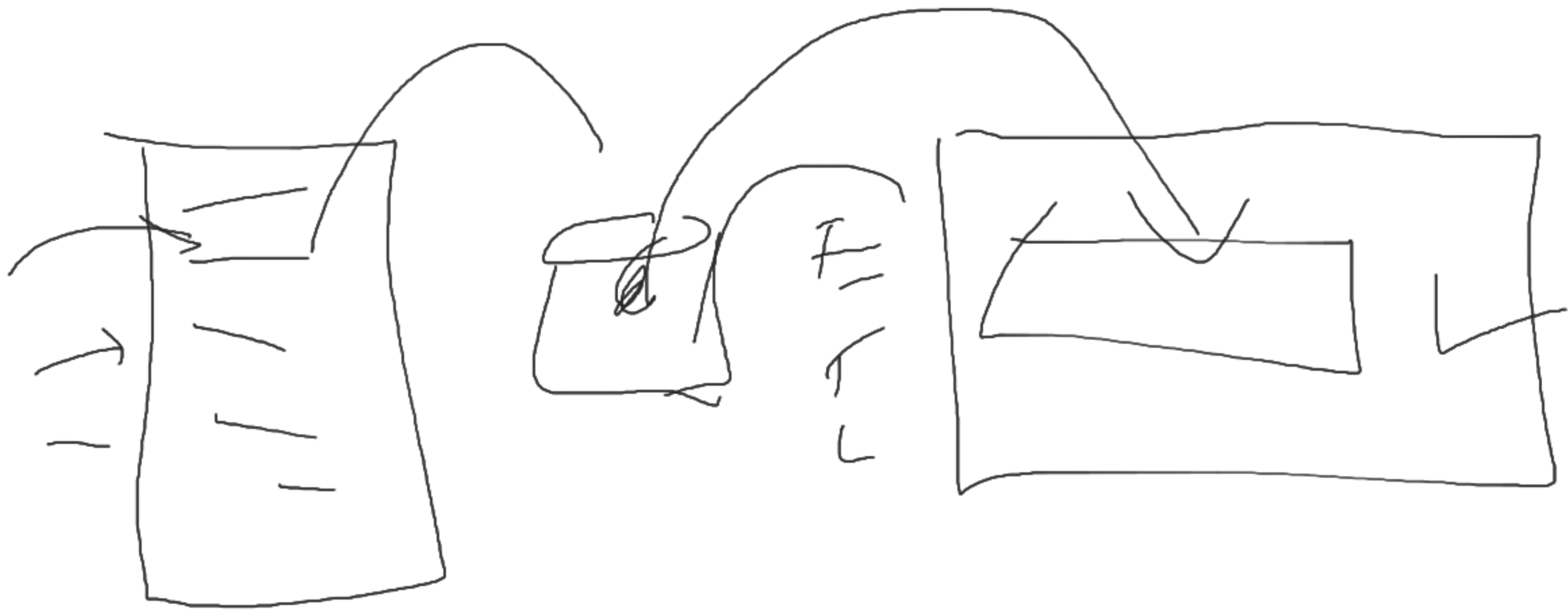
3. Huge Data ✓

BigData

man

4. very Huge Data ✓

Dataware
house
Data Lake



File Handling :

text file

read text

txt

csv

json

py

Binary file

open --> binary

images

pdf

excel

audio

video



text file:

fp = open(filename, mode)

fp = open(path, mode)

employee.txt

employee.csv



mode:

read — r

write — w

append — a

read then write — r+

write then read — w+

append then read — a+

exclusive — X



read-- r

fp=open('test.txt','r')

①

if file present then we can read content

if not then it will return FileNotFoundError

methods:

1) read() use to read all content from file

```
fp = open('employee.txt','r')
```

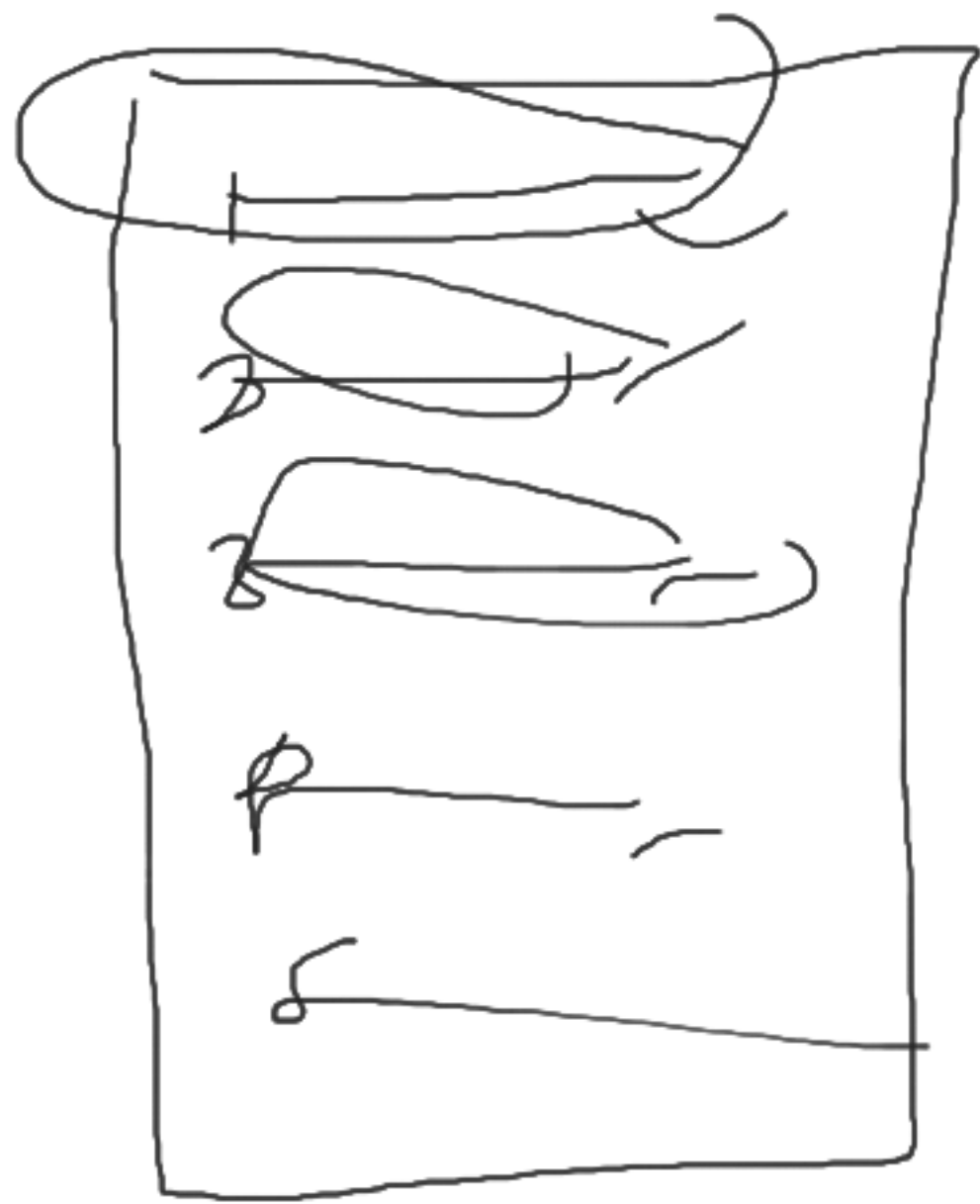
```
data = fp.read()
```

```
print(data)
```

2) read(n) : to read number of chars

3).readlines()





σ-calculus

{ \emptyset , \square , \bigcirc , \neg }



Rcgt

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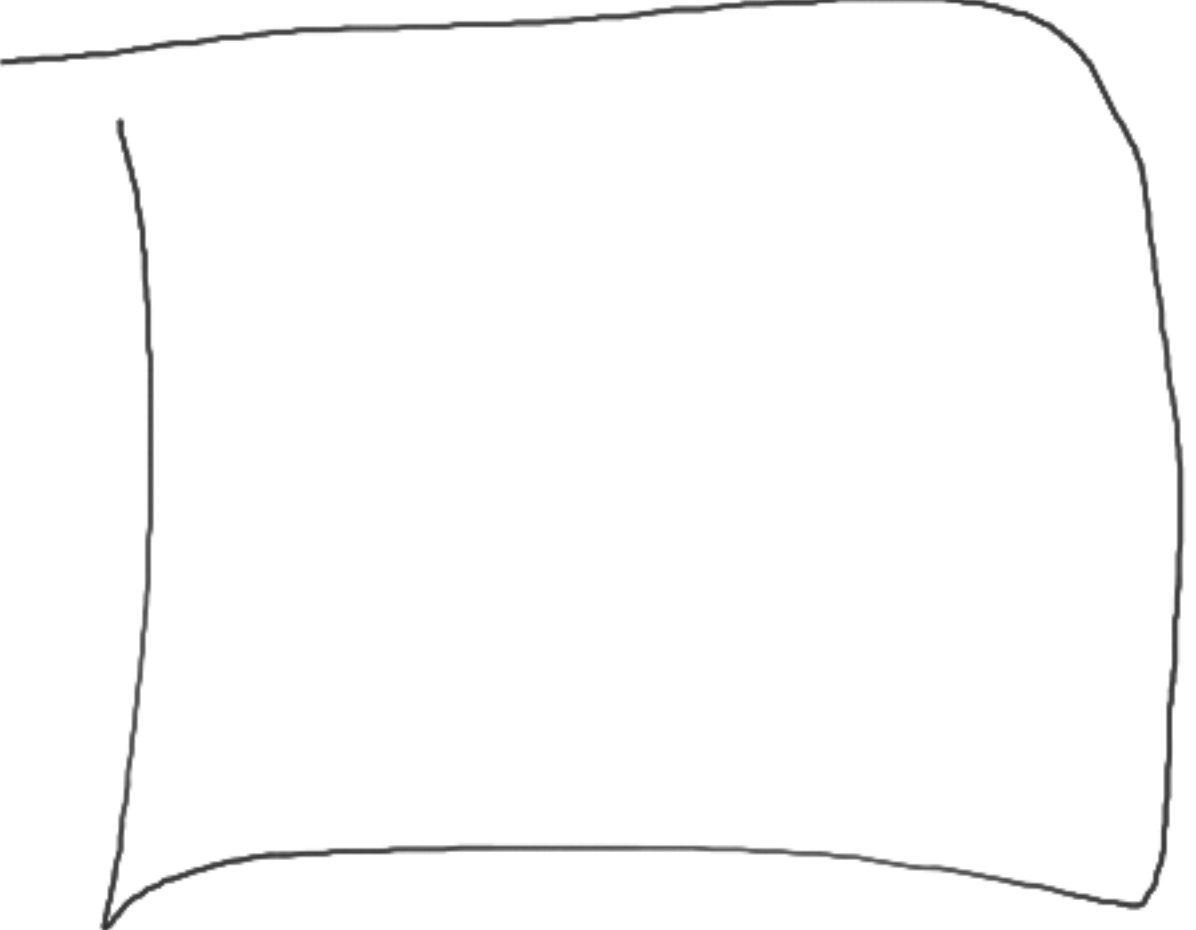
HDFC LTD

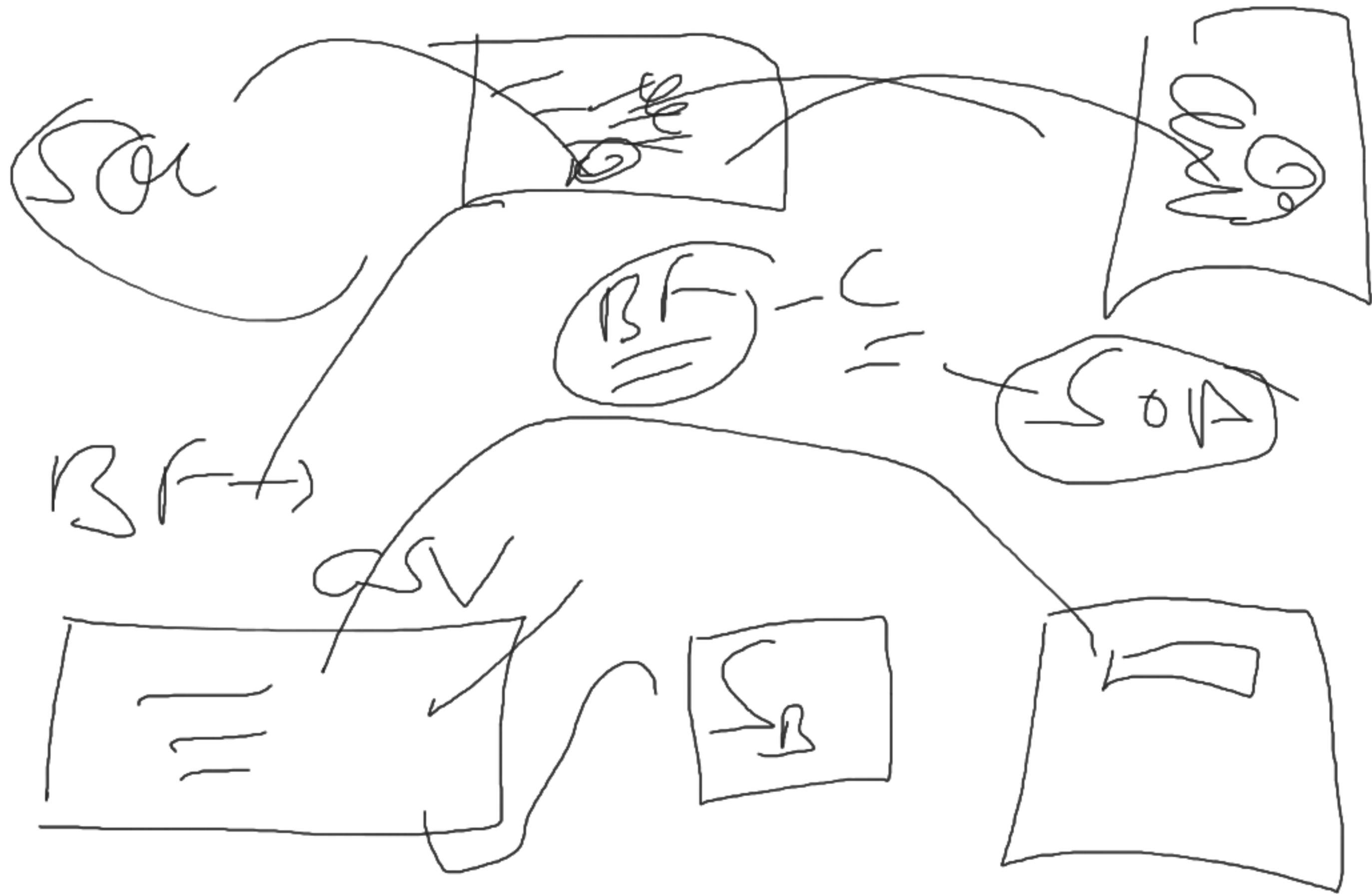
BF

BLH

BF

DL





30/2

~~P~~