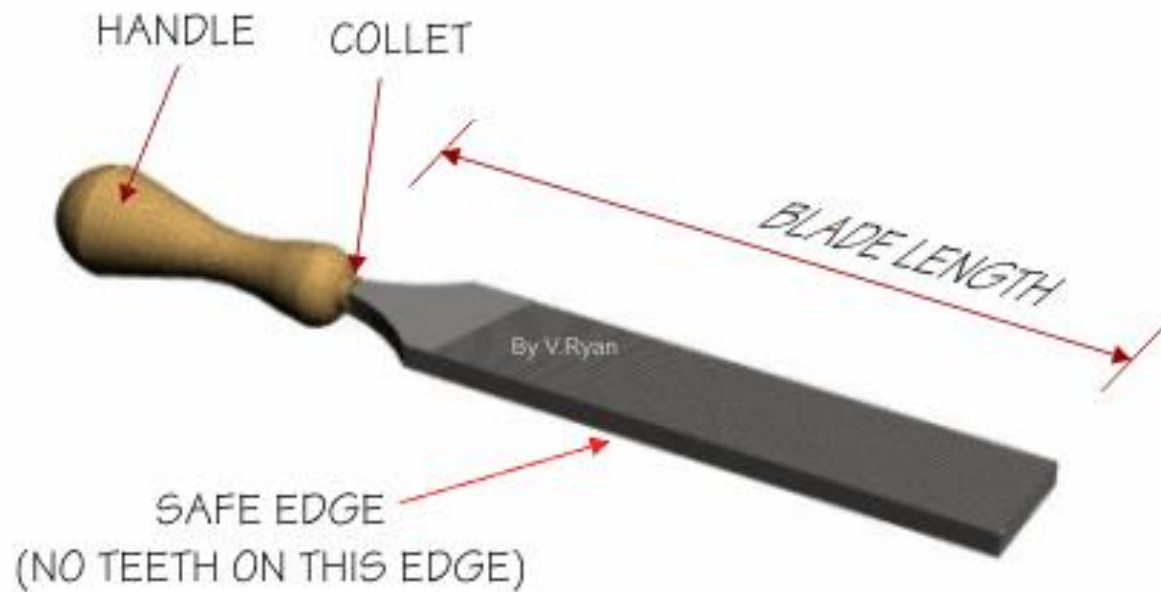









# Data Files

# Files

## What is a file?



# FILES

 ant_license	6/6/2017 3:10 AM	Text Document	1 KB
 asm_license	6/6/2017 3:10 AM	Text Document	2 KB
 dev01_license	6/6/2017 3:10 AM	Text Document	0 KB
 eclipse_license	6/6/2017 3:10 AM	Text Document	11 KB
 growl.license	6/6/2017 3:10 AM	LICENSE File	2 KB
 gson_license	6/6/2017 3:10 AM	Text Document	1 KB
 imagealt.license	6/6/2017 3:10 AM	Text Document	12 KB

# What is record?



# Record



Patient Id	Name	D.o.B	Gender	Phone	Doctor Id	Doctor	Room
134	Jeff	4-Jul-1993	Male	7876453	01	Dr Hyde	03
178	David	8-Feb-1987	Male	8635467	02	Dr Jekyll	06
198	Lisa	18-Dec-1979	Female	7498735	01	Dr Hyde	03
210	Frank	29-Apr-1983	Male	7943521	01	Dr Hyde	03
258	Rachel	8-Feb-1987	Female	8367242	02	Dr Jekyll	06

# Fields



# Field

First Name	Last Name	Address	City	Age
Mickey	Mouse	123 Fantasy Way	Anaheim	73
Bat	Man	321 Cavern Ave	Gotham	54
Wonder	Woman	987 Truth Way	Paradise	39
Donald	Duck	555 Quack Street	Mallard	65
Bugs	Bunny	567 Carrot Street	Rascal	58
Wiley	Coyote	999 Acme Way	Canyon	61
Cat	Woman	234 Purrfect Street	Hairball	32
Tweety	Bird	543	Itotltaw	28

**Fields**



Files handling

Open

Read (Write)

End of File

close



# File handling

## Open

1. Get memory (buffer) to hold record
2. Pointer to first record

# File handling

Read a record

Check for End-of-file

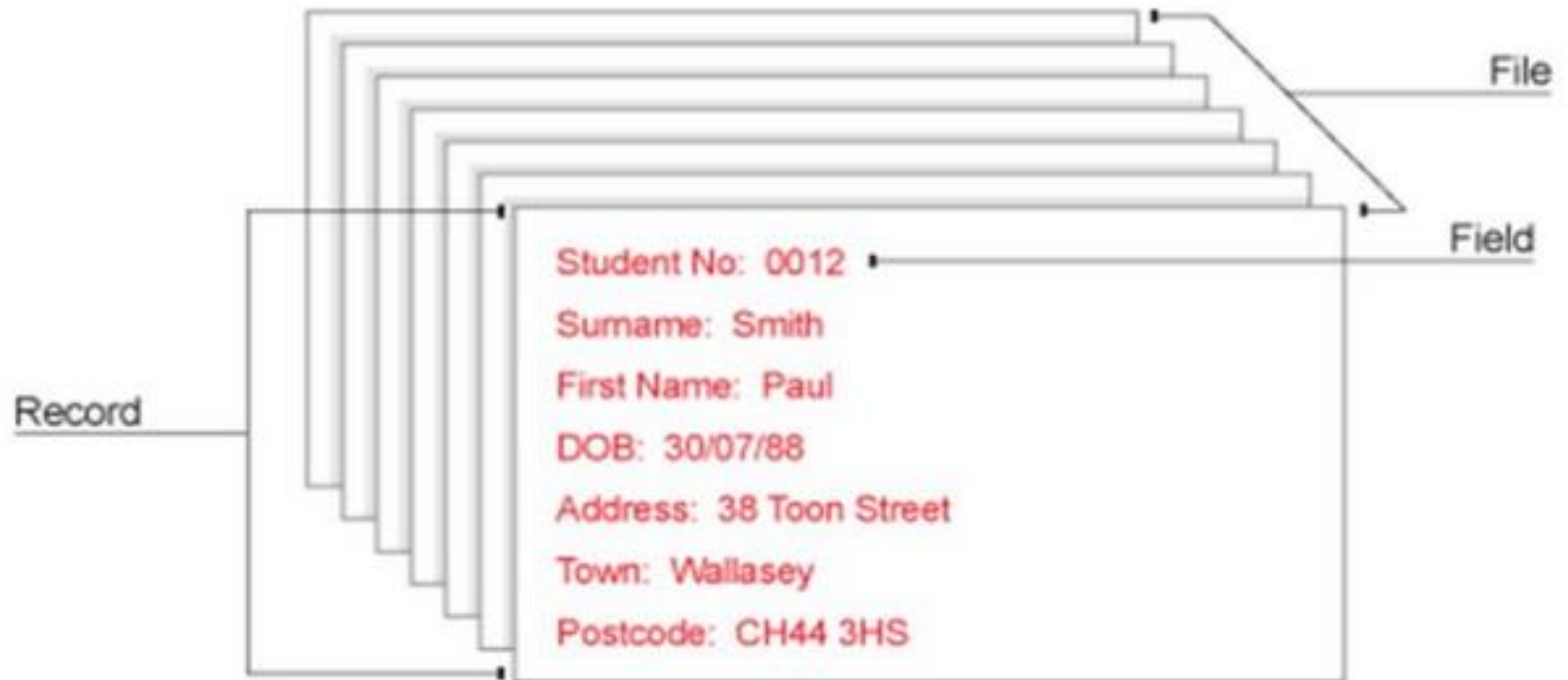
Process the record

get fields

process fields

Move pointer to next record

# Read



End-of-file

Record pointer return no  
record (buffer)

Close file

Close

Write end of file marker

Release memory

<https://www.youtube.com/watch?v=anCLEogSTE0>

[https://www.youtube.com/watch?v=k-EID5\\_2D9U&app=desktop](https://www.youtube.com/watch?v=k-EID5_2D9U&app=desktop)

## The file



done