

each of these amts pts. to the relevant record (row) in the main dB table  
thus, we get our largest amt by simply going to the end of the dBI table

### simple way of lookin at dBI

- auxiliary data struc of main dB that speeds up getting data from main dB (read ops. faster)
- auxiliary data struc so ~~so~~ extra space reqd. for storage
- whenever you write data to main dB, ~~data~~ you also gotta write to dBI (write ops. slower)
- in practice, we create an idx on 1 or multip cols. in our main dB

### NOTE : Eventual Consistency

- A consistency model which is unlike Strong Consistency
- In this model, reads might return a stale view of the sys.
- An eventually consistent ~~db~~ datastore will give guarantees that the state of the data will eventually reflect writes within a time period (eg: - 10 mins, 30 days)
- eg: - Google Cloud Datastore

# EXTRA NOTES

1. Microsoft Terminal
2. Setting Up IDE for Python CP
3. Setting Up IDE for CPP CP

# MICROSOFT TERMINAL

1. A very powerful cross OS running application software that basically can execute almost about anything  
(<https://www.youtube.com/watch?v=8gwOrXPMMPPE>)
2. Eg : It runs Command Prompt, PowerShell, Ubuntu, Azure Cloud, Bash and much more just under 1 heading (  
<https://www.youtube.com/watch?v=759Ay9mggi4> )
3. It's a super customizable app with really user-friendly split pane settings. ( <https://www.youtube.com/watch?v=sckbApgo4Fk&t=9s> )
4. I basically set up Powerline in PowerShell  
([https://www.youtube.com/watch?v=lu\\_\\_oGZVT98](https://www.youtube.com/watch?v=lu__oGZVT98) ), OhMyZsh in Ubuntu ( <https://www.youtube.com/watch?v=su0h5StEZ6A> ) . Both these are kinda like custom mode on terminal tab that make it look awesome and also help with some git and other functionality.
5. You should definitely try this out. You're seriously gonna end up loving this for sure.
6. P.S. in case you already don't, follow Thio Jo on YouTube. He's got kickass tips and tricks for Windows OS.