

# Agenda

## \* Basic operations on Rows

✓ Implicit / Explicit Indexes

✓ loc / iloc

✓ Indexing / slicing in DataFrame

- Adding a Row
- Deleting a Row
- Check For Duplicates

## \* Working with Both Rows & columns

## \* Built-in operations in Pandas

## \* Sorting

## \* Concatenation

Time

✓ Numpy

Majority

✓ Assignment

1hr



# Basic operation on Rows

Implicit Index ✓ : default  
↳ created internally by python ✓

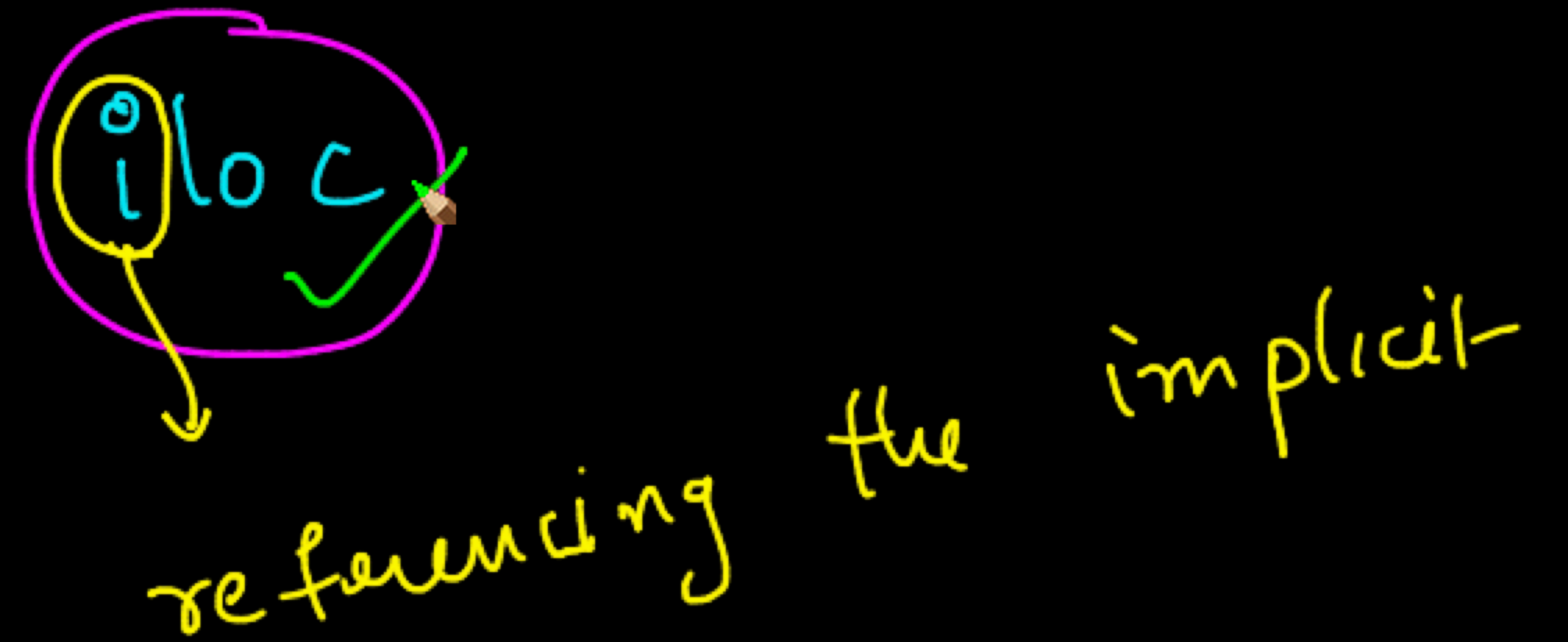
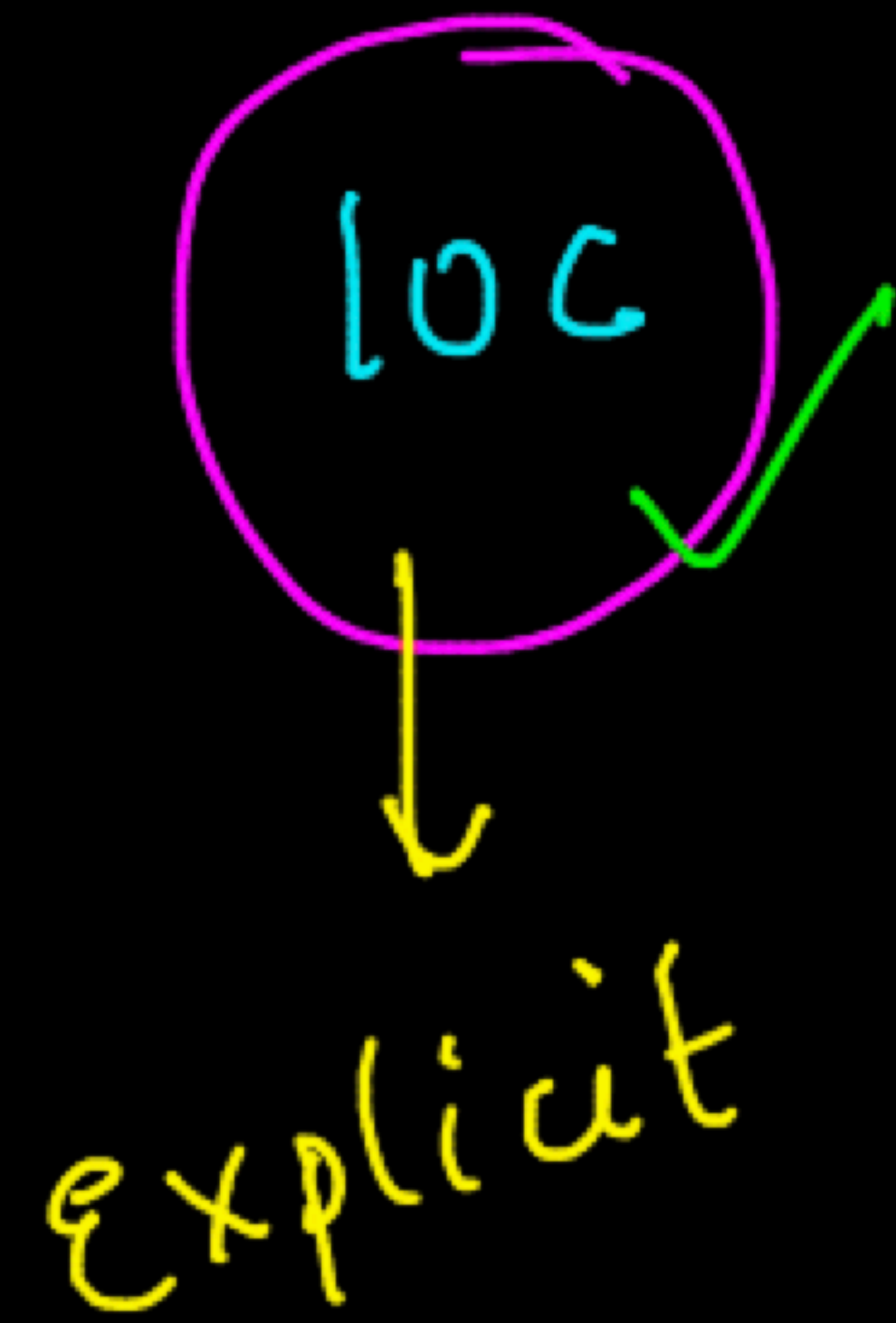
Explicit Index ✓ : End user will see

int, float, str, bool  
can be repeat

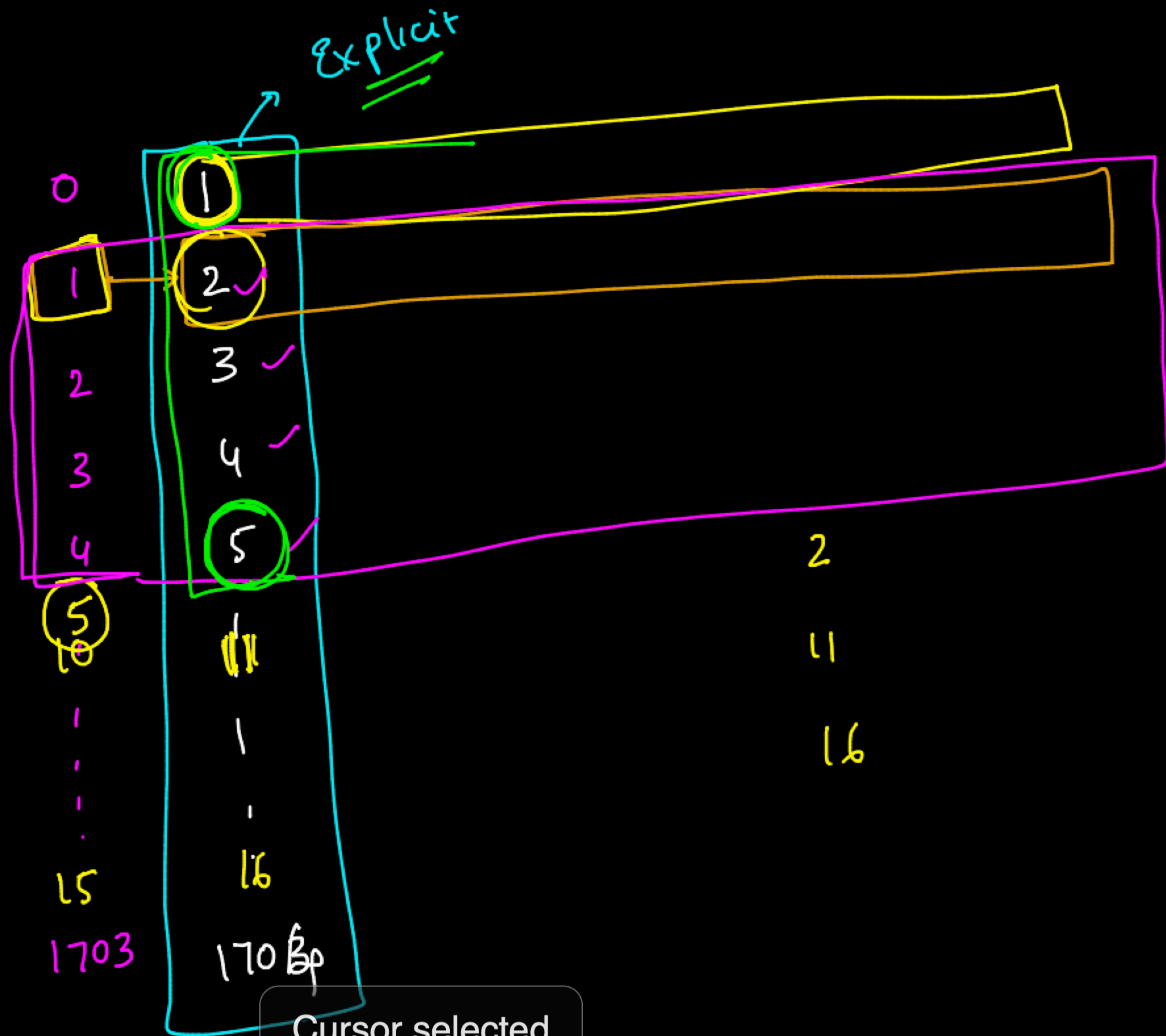
0	1	2
	<u>satish</u>	'scaler'



# Indexers



i/loc

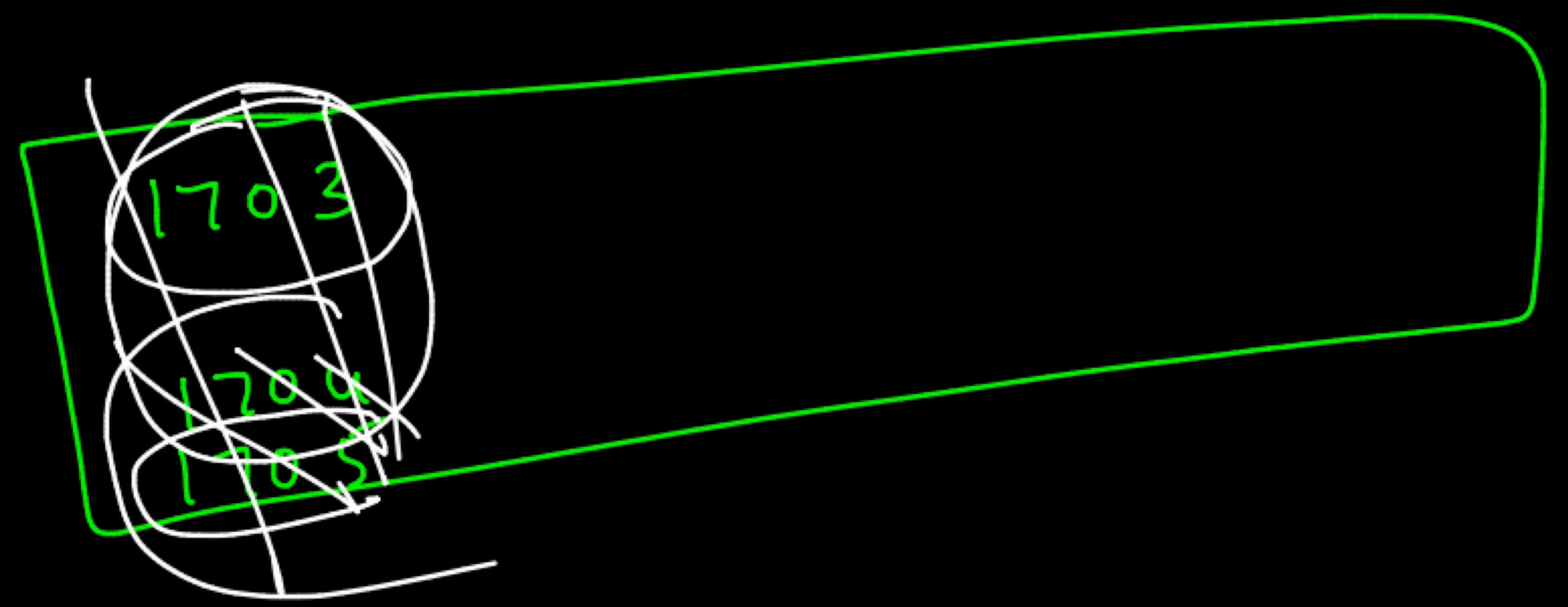


Cursor selected

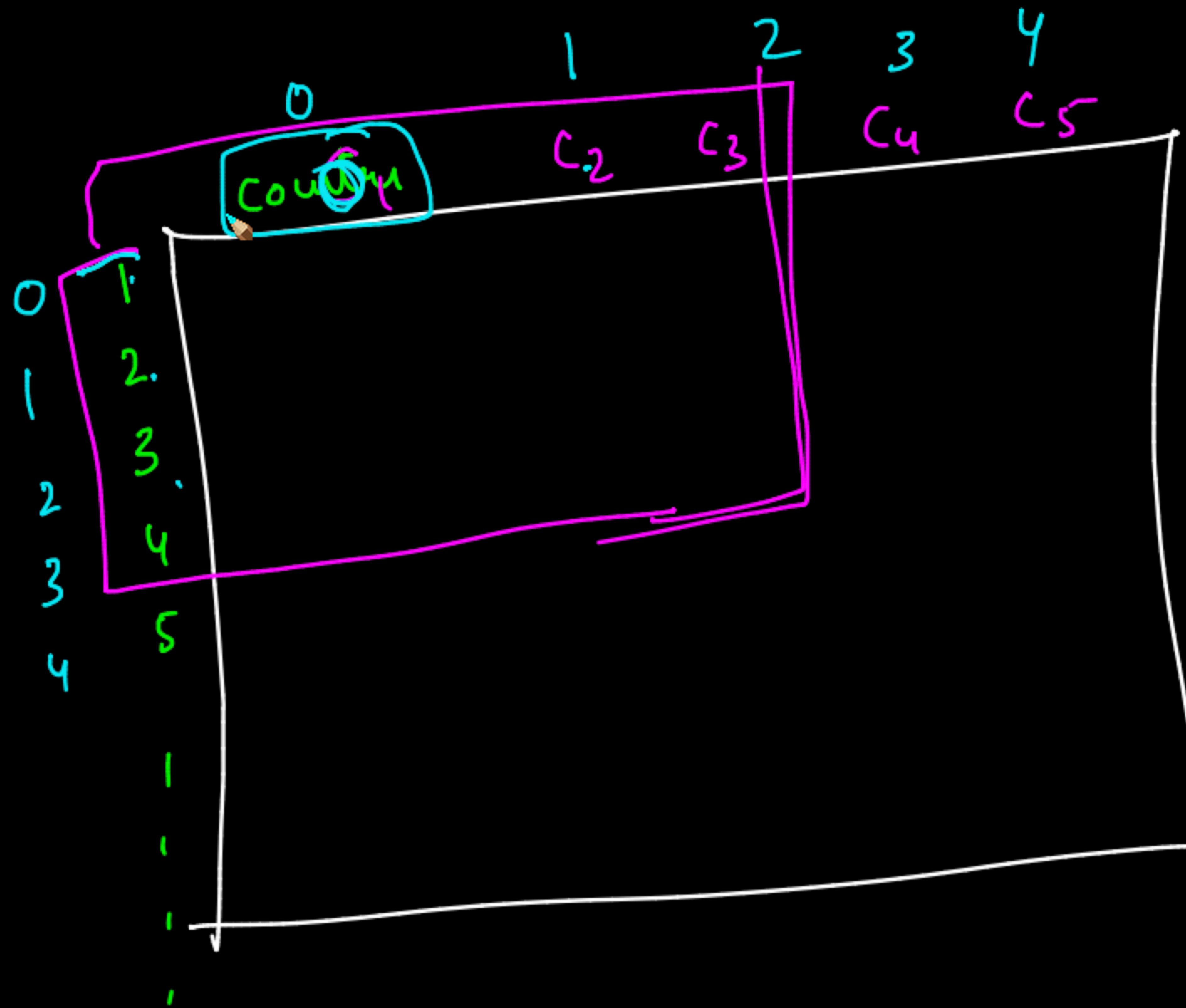


1) (Q)?

drop -



1705



↓  
loc  
==