



STACK READ



STACKREAD

GROUP 7

START SLIDE

INSTACKRead

YOUR ULTIMATE BOOK MANAGEMENT COMPANION.

**PRESENTED
BY**

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DSA CONCEPTS WE HIT

- STACK
- LINKED LIST
- DATA FRAME
- DEQUE
- QUICK SORT
- BINARY SEARCH





HOW WE
HIT SAID
CONCEPTS

IN

STACK

SEEN IN HOW WE DISPLAY
THE BUTTONS/BOOKS IN
EACH PAGE.

1

BOOK1

2

BOOK 2

3

BOOK3

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LINKED LIST

COMBINATION WITH *STACK & BINARY SEARCH ALGORITHM*

MAIN LIST



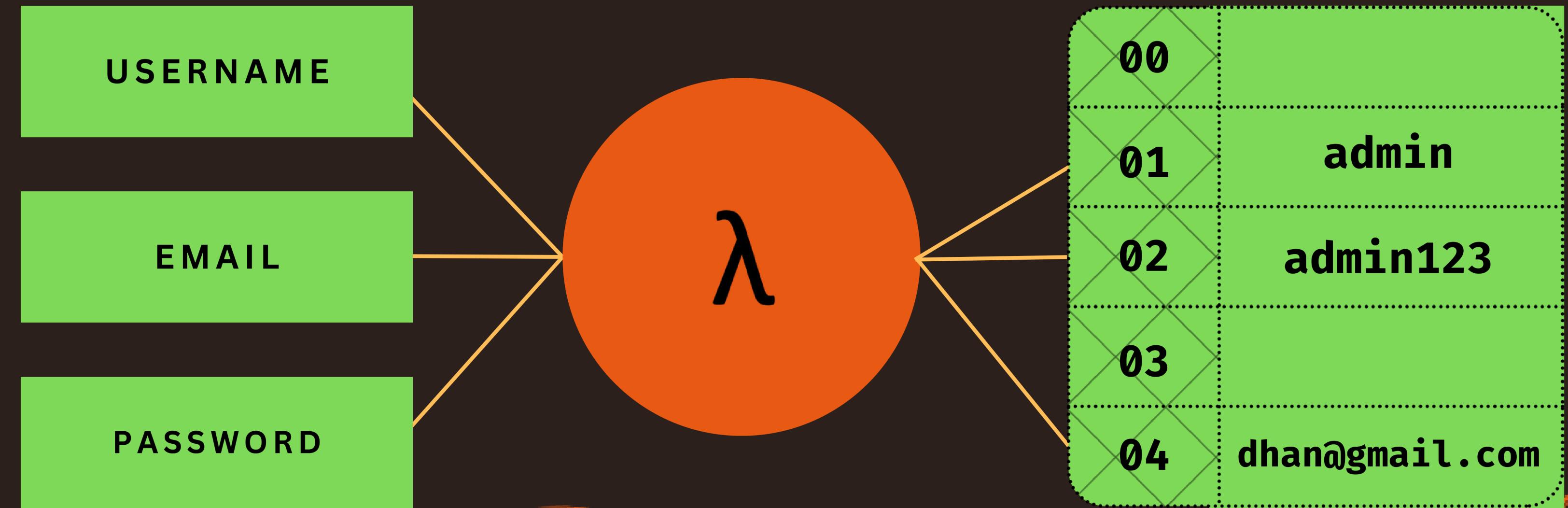
POPULAR

FAVOURITES

SPECIFIC
SEARCHES

SEEN IN HOW WE ACCESS AND USE
DATA FROM THE MAIN DATABASE TO
DIFFERENT LISTS WITH SPECIFIC
CONDITIONS AND PARAMETER.





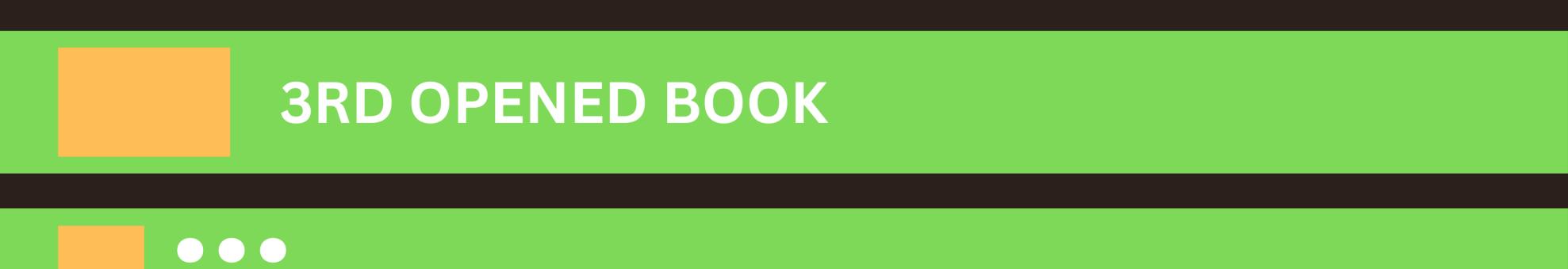
SEEN IN HOW DATA IS READ AND ARRANGED ACCORDING TO IT'S VALUE. CAN ALSO BE COUNTED AS BINARY SEARCH.

DATAFRAME

DEQUE

FIFO (FIRST IN - FIRST OUT)

SEEN IN HOW WE REPLACE THE TOP LAST READ BOOK WITH A NEW ONE, AND WHEN THE LIMIT IS MET, THE FIRST-IN WILL BE FIRST-OUT.



QUICKSORT Book Rating



SEEN IN HOW WE SORT THE
“LITERARY HITS” PAGE ACORDING
TO THE BOOK’S RATING.



THANK YOU FOR LISTENING

