

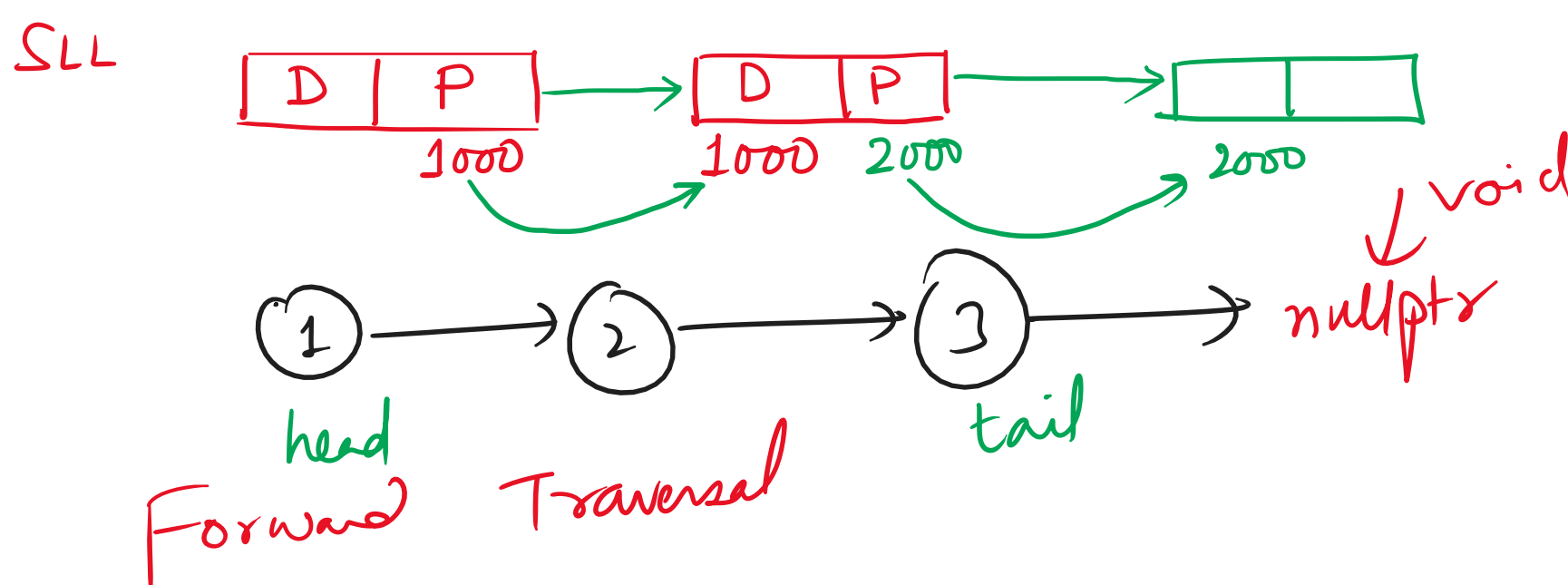
Linear Data Structures Continued...

* **Linked Lists** \Rightarrow It is a linear data structure containing entities called "nodes" connected to each other via "pointers". Depending on the connections, they are categorized into three types:

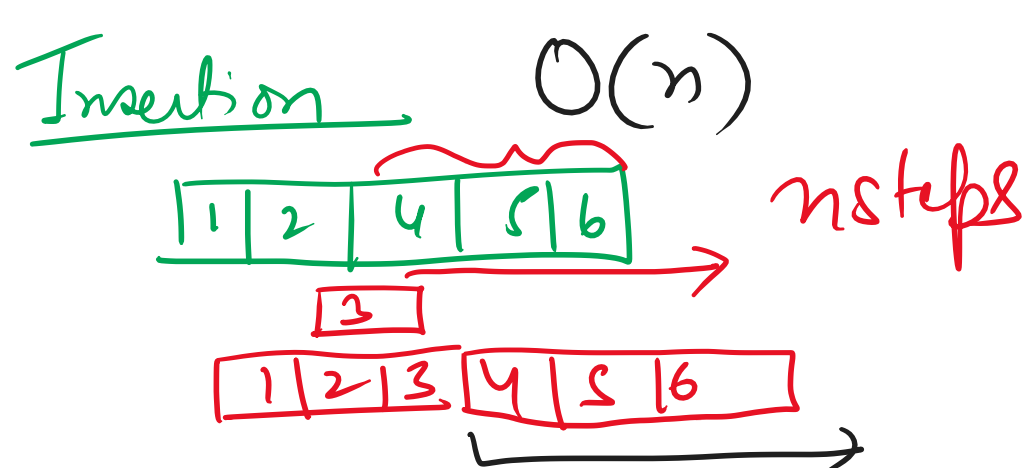
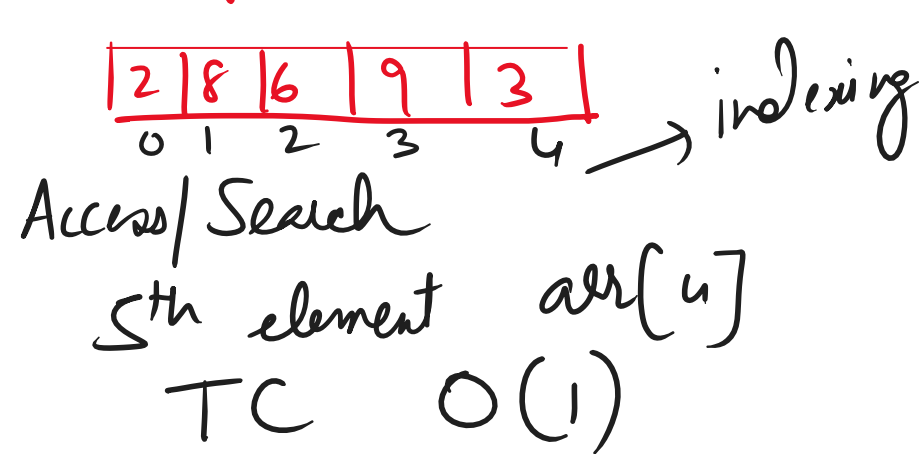
- ✓ ① **Singly Linked Lists**
- ✓ ② **Doubly Linked Lists**
- ✓ ④ **Circular linked Lists**

Linked Lists

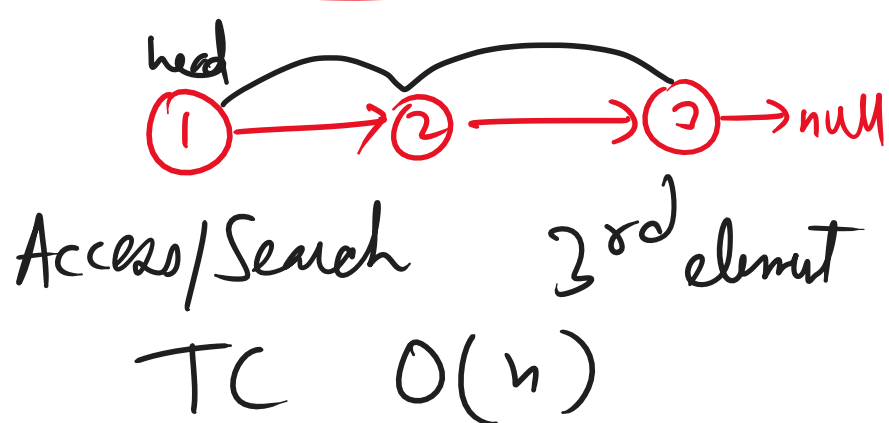
[Web Browsers
Music Playlists]



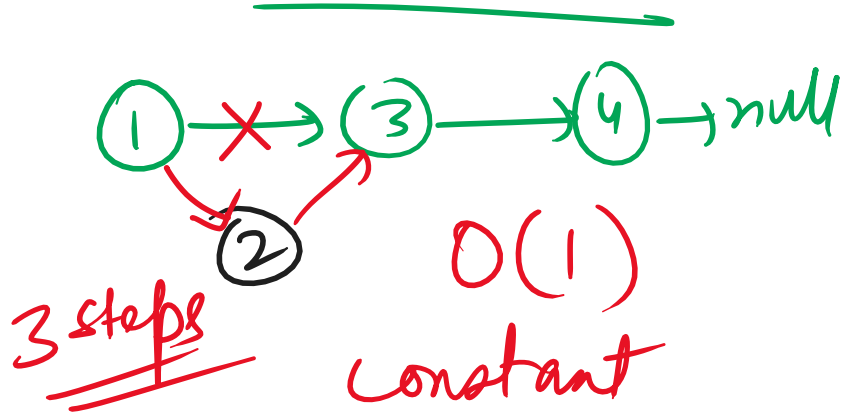
Arrays



Linked Lists



* Insertion



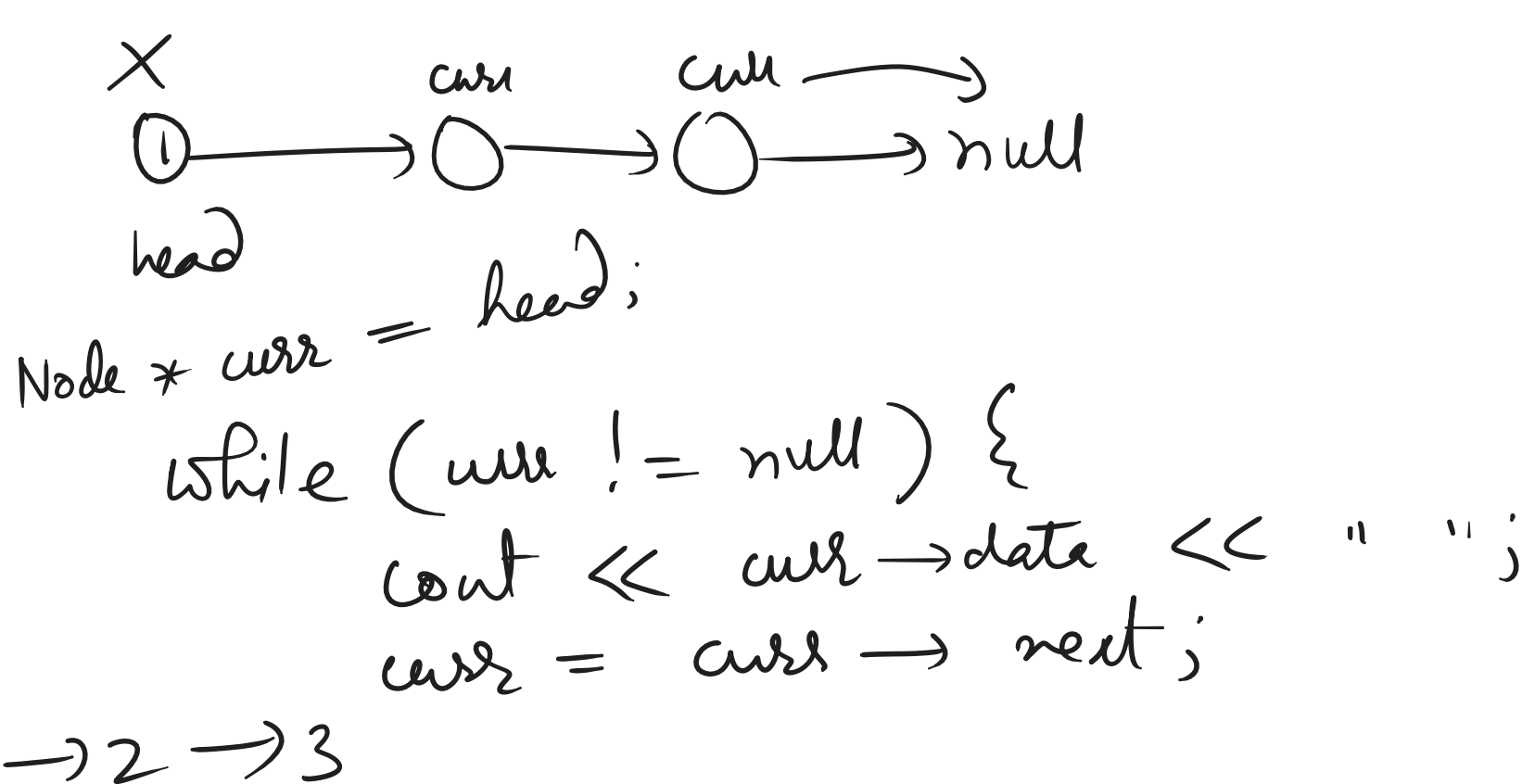
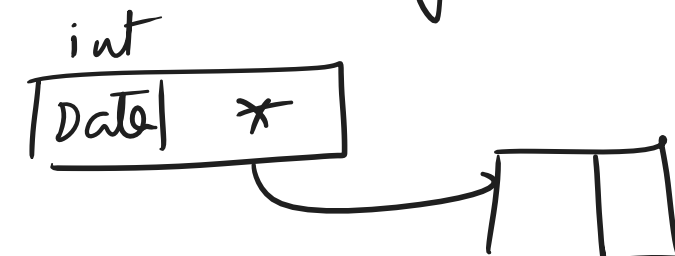
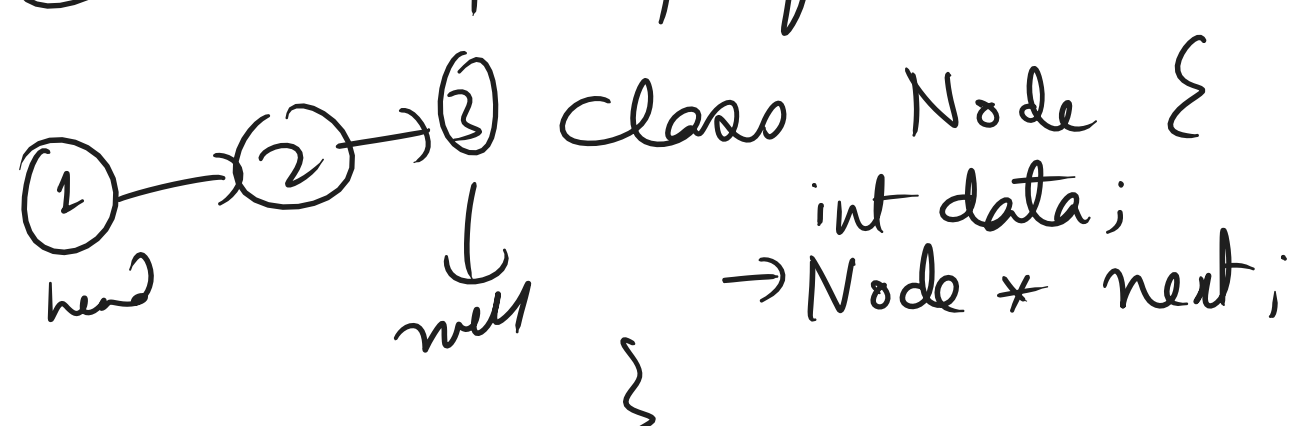
Important Questions / Operations on Linked Lists \Rightarrow

Insert Operations

- ① Insert At Head/Front
- ② Insert At Tail/End
- ④ Insert After Specific Node

Delete Operations

- ① Delete Head
- ② Delete Tail
- ④ Delete Target Node



Insert At Front \Rightarrow

