

Title :Doubly Linked list Operation

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Problem Statement

Design and implement a Doubly Linked list in C++ to manage patient records with operation like insertion at beginning ,insertion at end ,insertion at specific position ,and delete from beginning .

Problem Solution

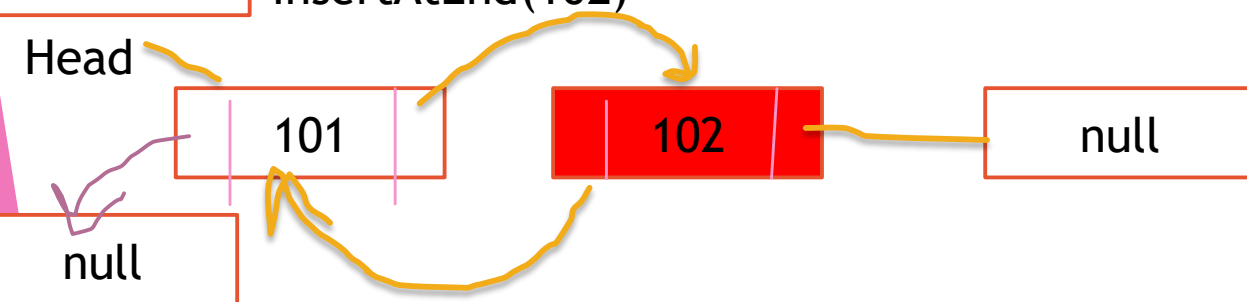
- Implement a Doubly linked list class in C++.
- Used node structure with data and next/pre pointers
- **Create functions:**
 - InsertAtEnd()
 - InsertAtBeginning()
 - InsertAtPosition()
 - deletFromBeginning()
- Traversal function to display forward and backward

❖ Graphical Representation of Linked List After Performing Each Step

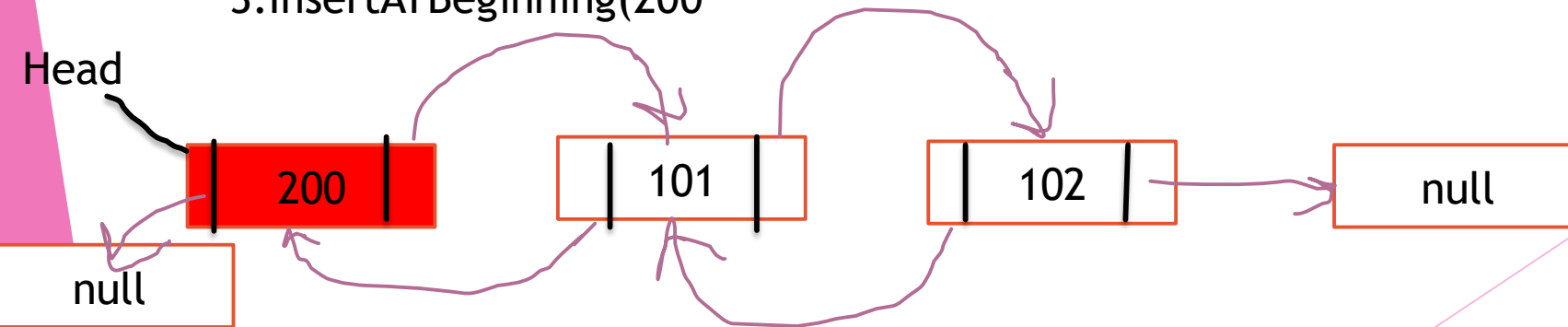
1.InsertAtEnd(101)



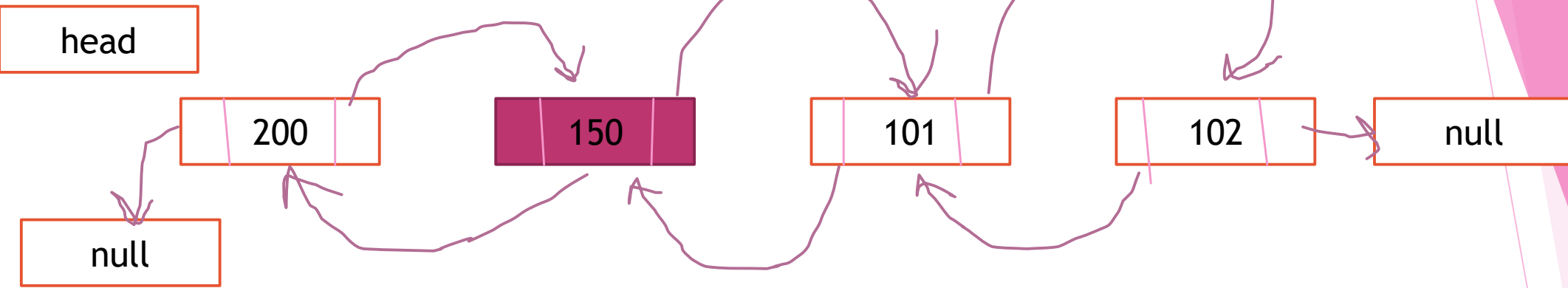
InsertAtEnd(102)



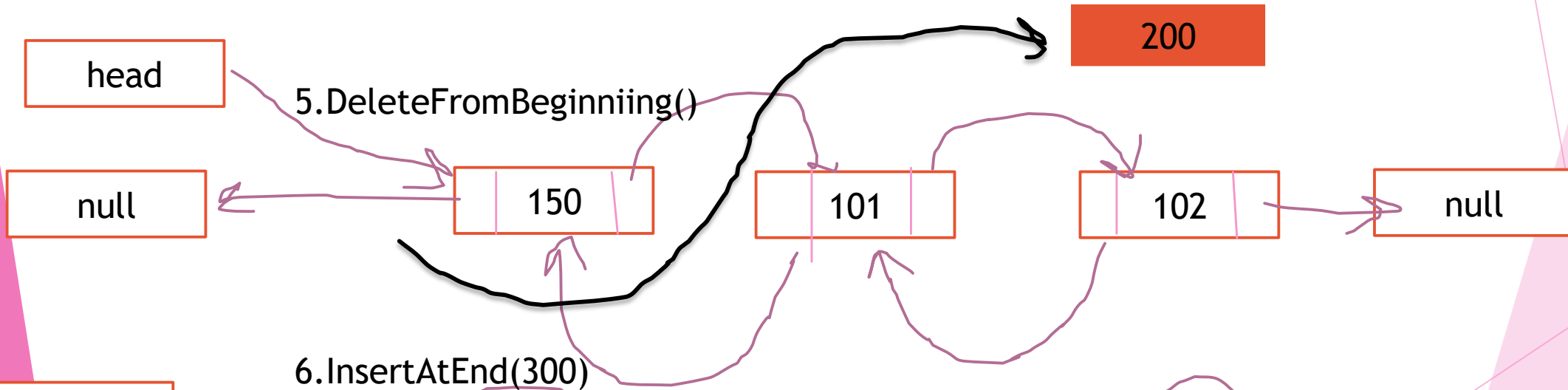
3.InsertATBeginning(200)



4.InsertAtPosition(150,2)



5.DeleteFromBeginniing()



6.InsertAtEnd(300)

