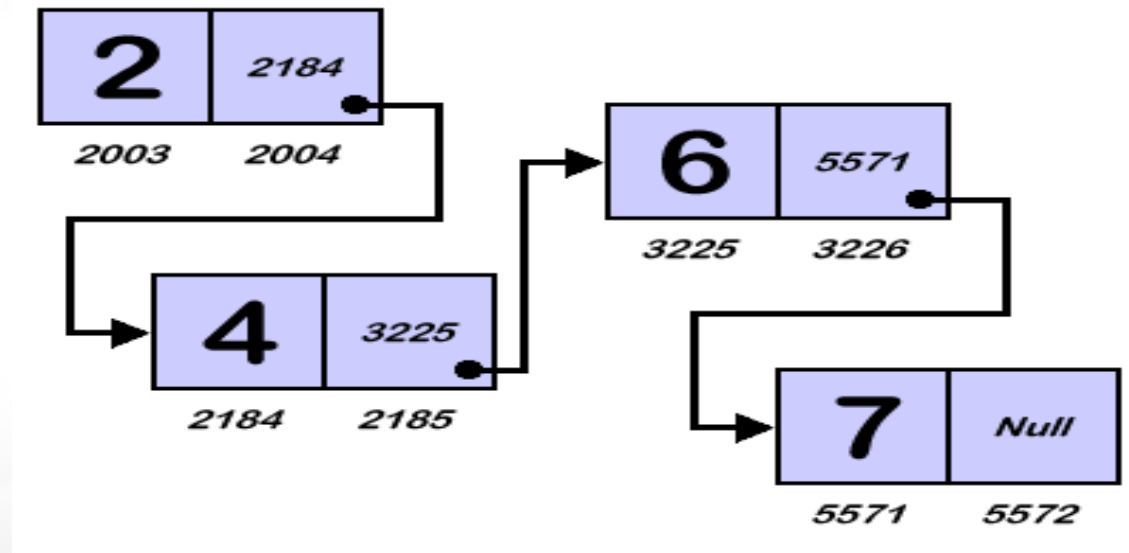


Udemy

Algorithms and Data Structures in Java

Lecture: Linked List B

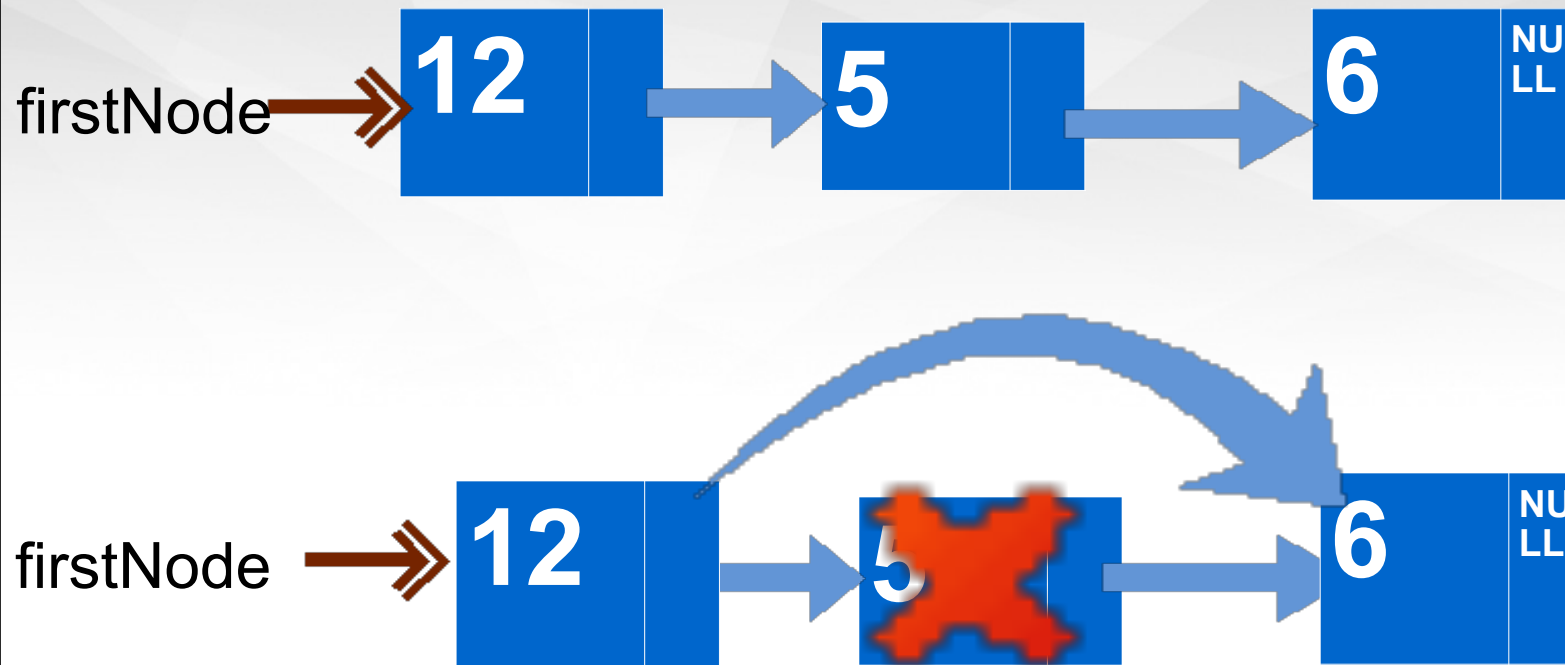
Instructors:
George Katsilidis
Nikos Katsilidis
Christos Topalidis



Delete Node



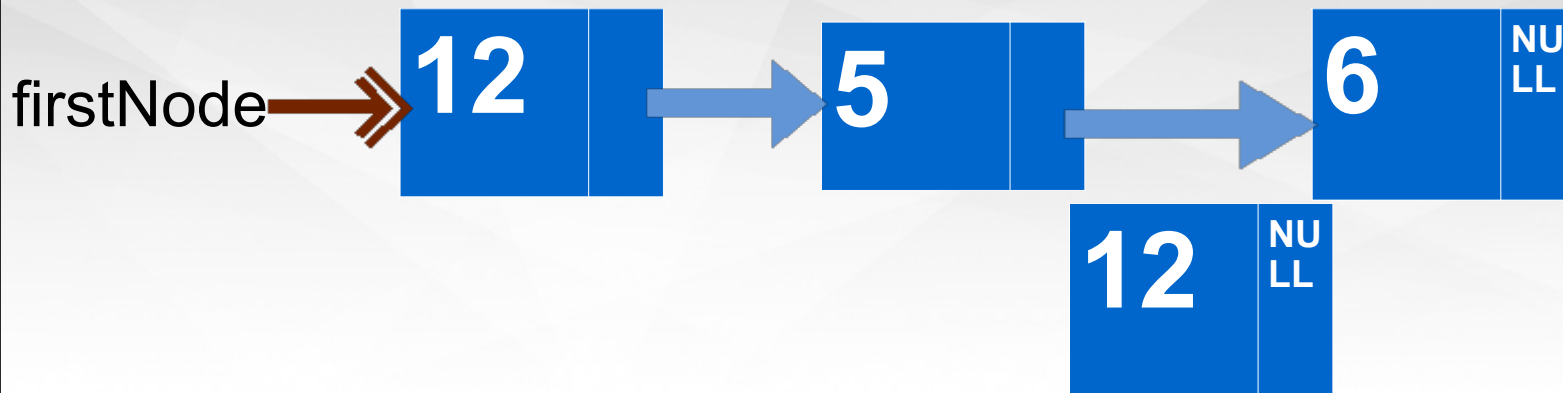
Delete Node



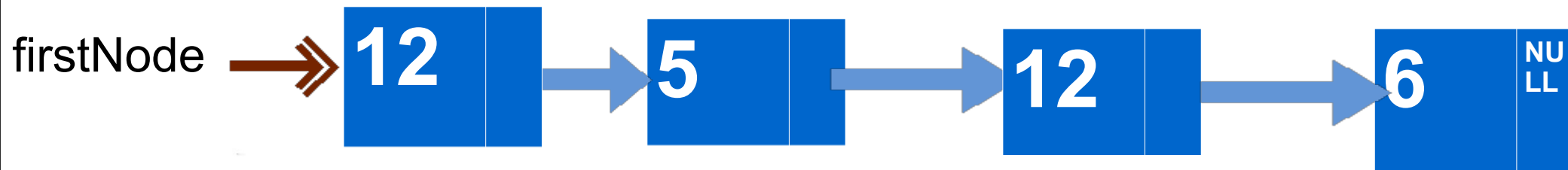
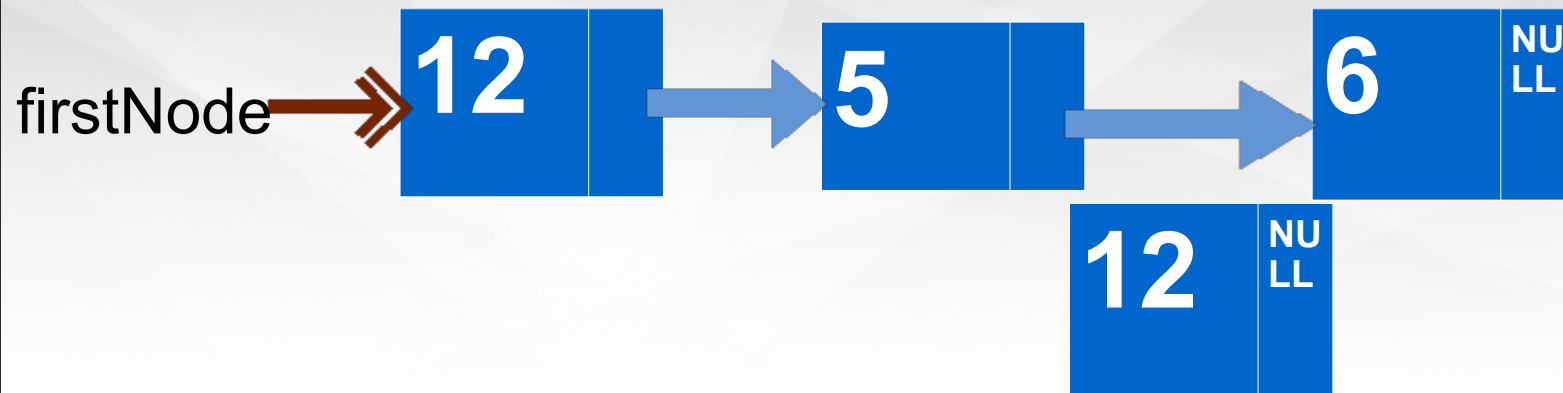
Delete Node Code

```
Node<T> current = firstNode;  
    Node<T> prev = firstNode ;  
    while (current != null){  
        if(find node){ //if we find Node  
            prev.nextNode=current.nextNode;  
            return true;  
        }  
  
        prev = current;  
        current = current.getNext();  
    }
```

Insert Node Inside List



Insert Node Inside List



Insert Node Code

```
Node<T> current = firstNode;  
    Node<T> prev = firstNode ;  
Node<T> node ;  
  
while (current != null){  
    if(find node){ //if we find Node  
        prev.nextNode = node;  
        node.nextNode = current;  
    }  
    prev = current;  
    current = current.getNext();  
}
```