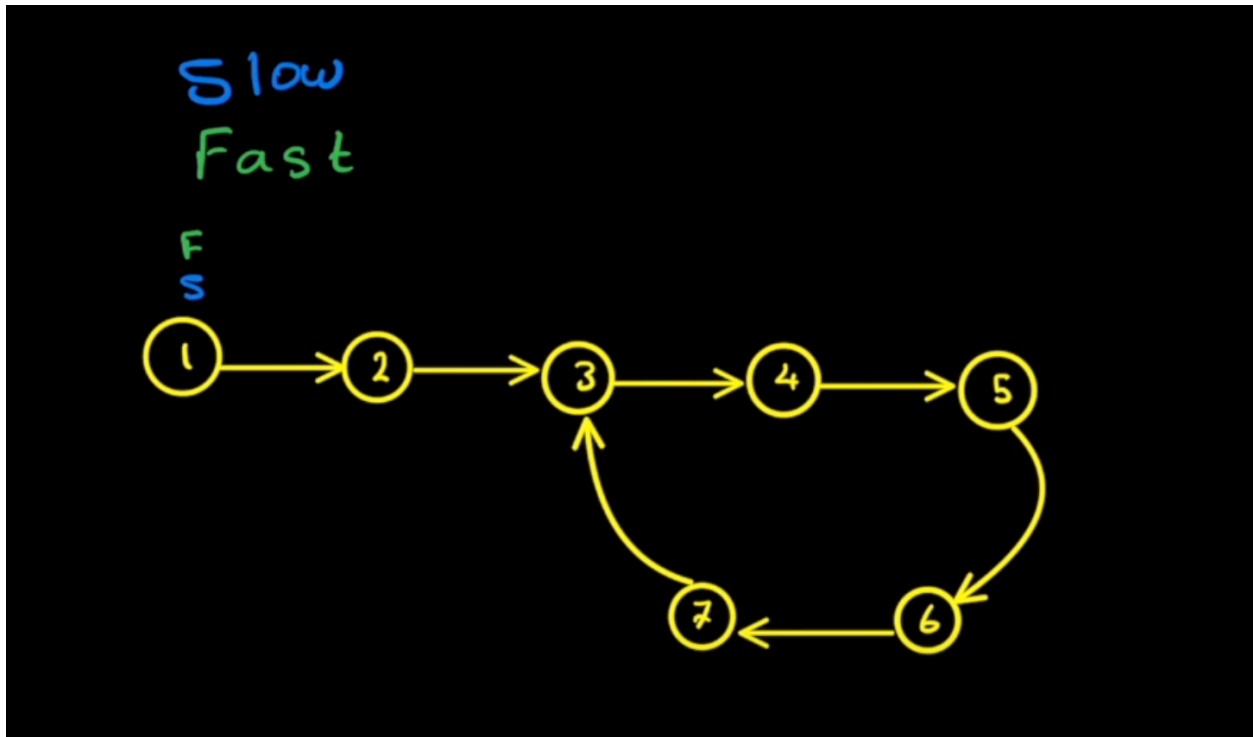
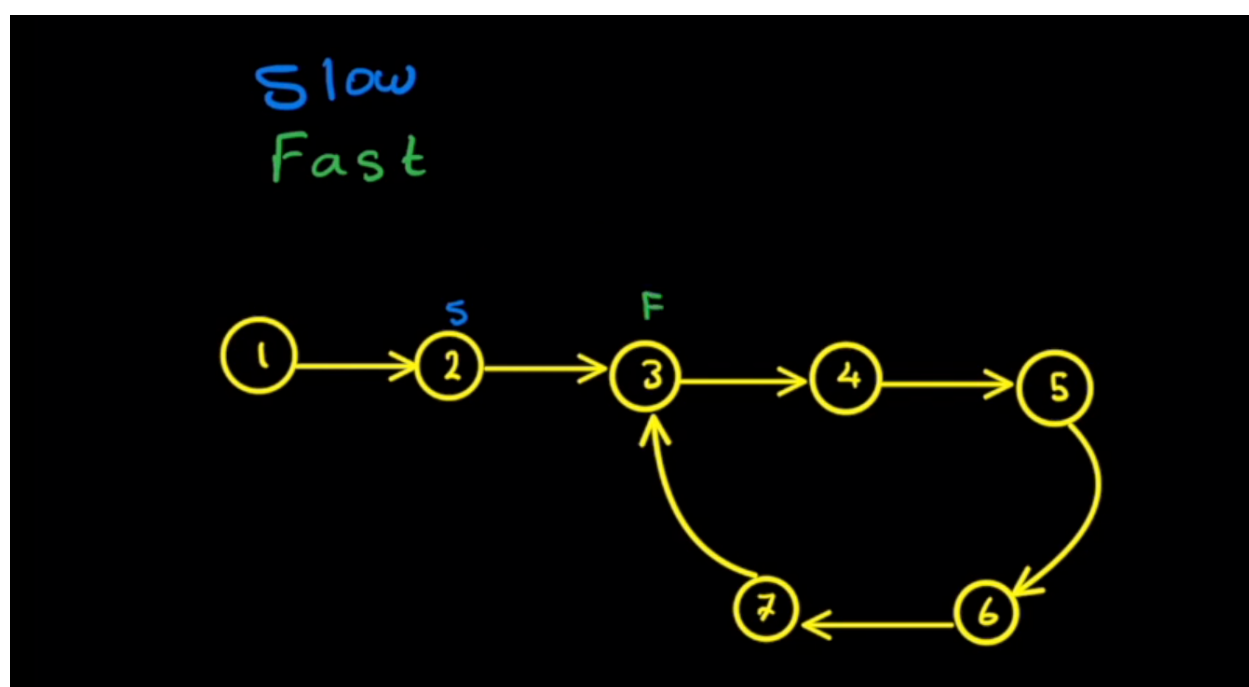
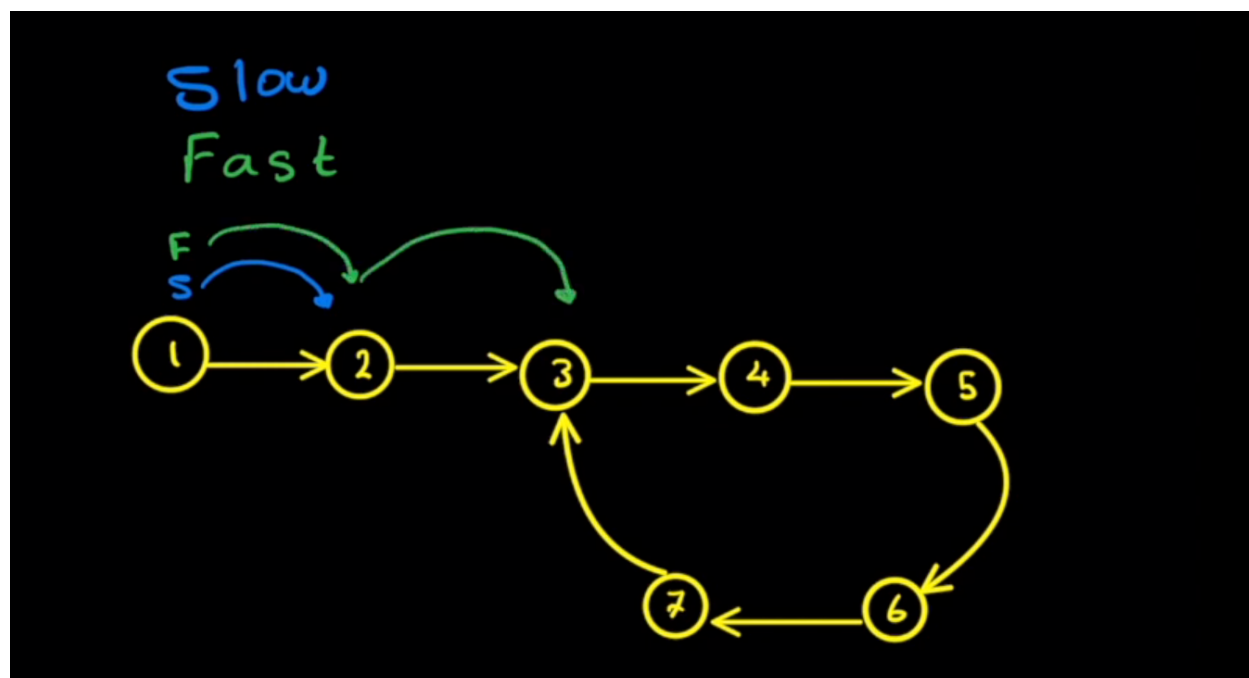


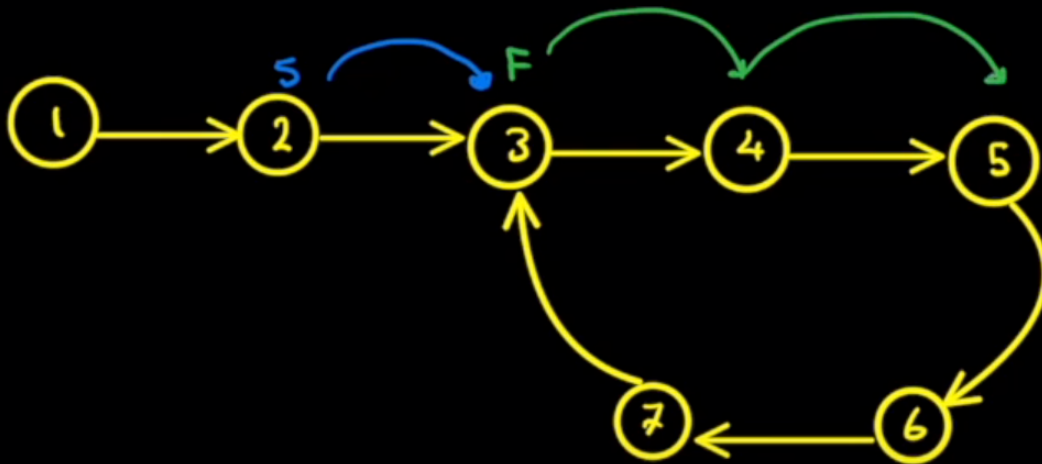
First-Slow Pointer Pattern

1. isLinkedListCyclic
2. printLinkedListMiddlePoint

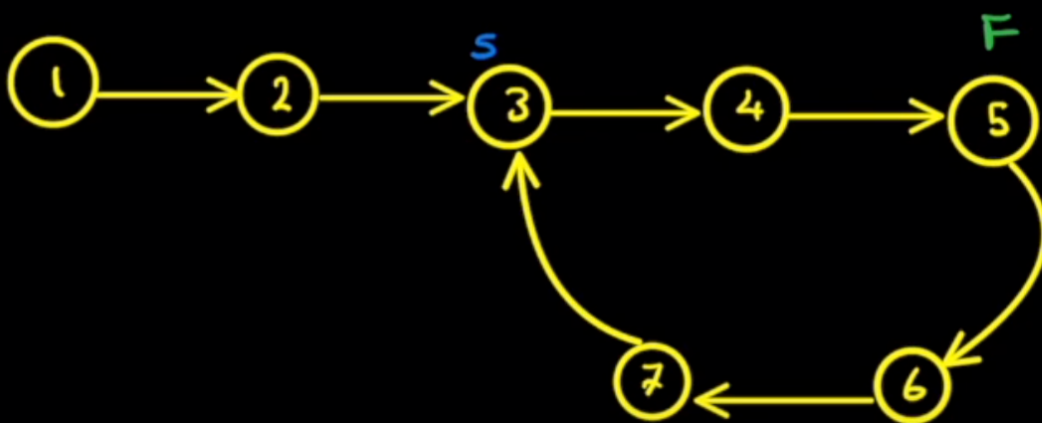




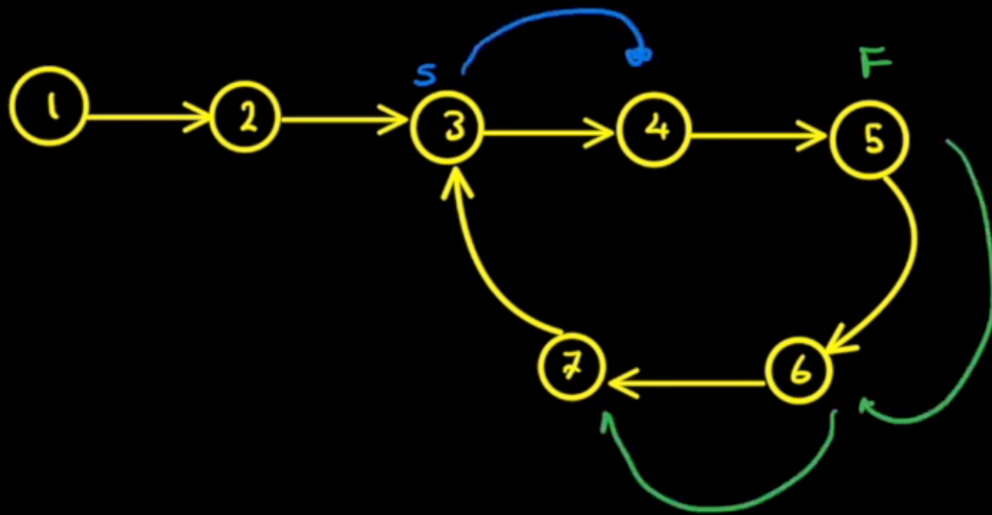
Slow
Fast



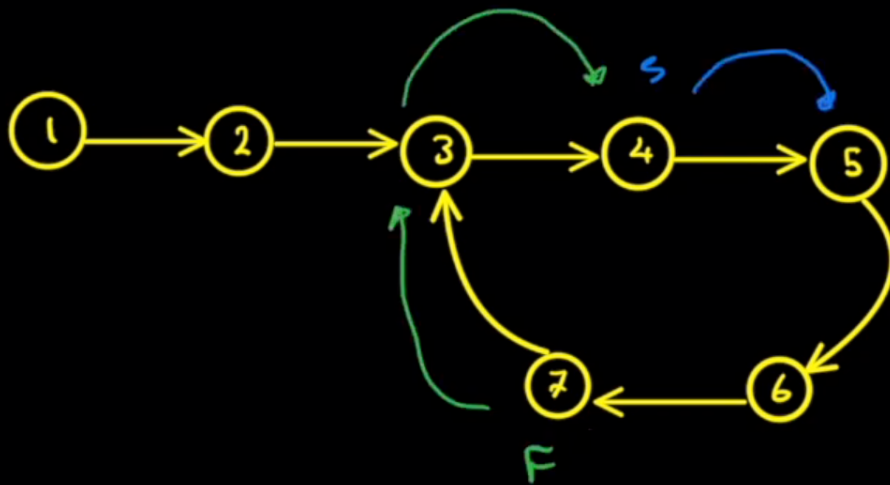
Slow
Fast



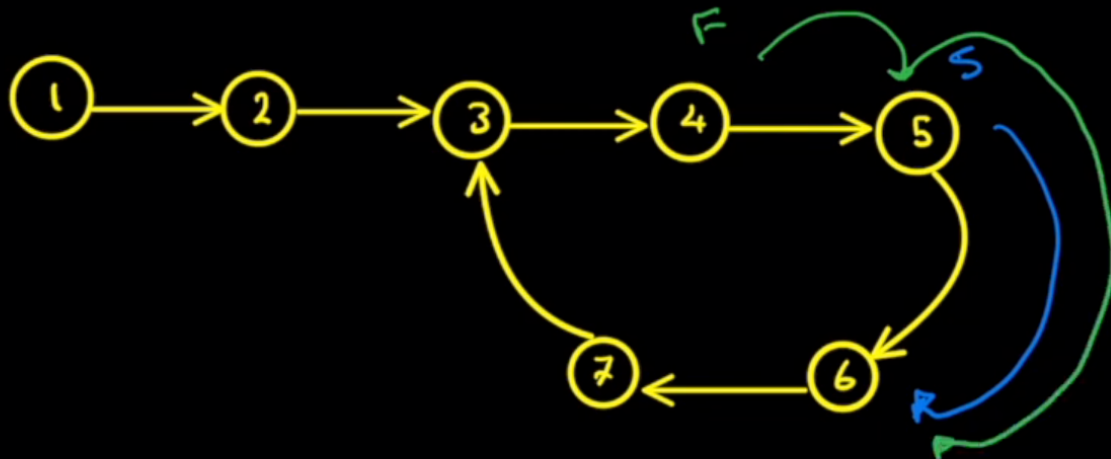
Slow
Fast



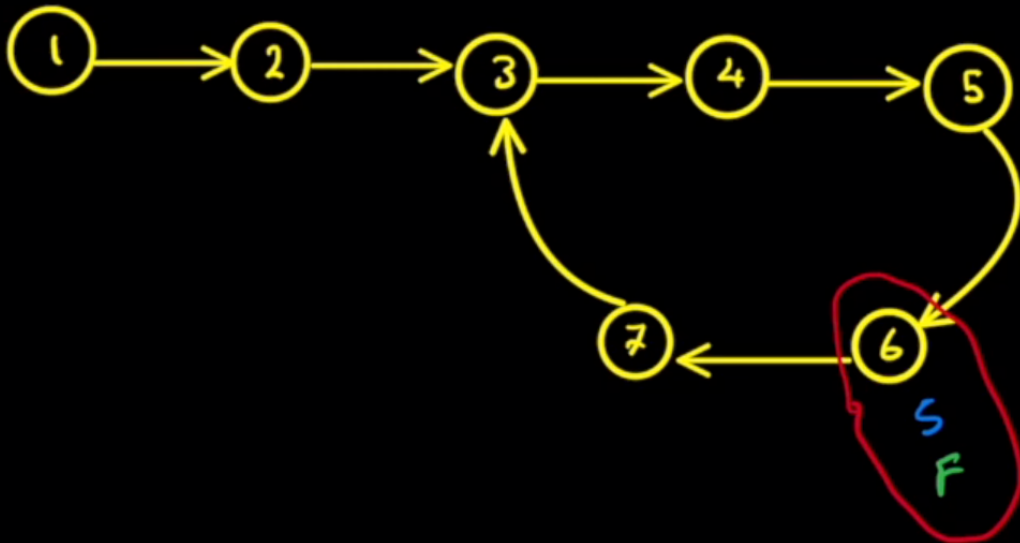
Slow
Fast



Slow
Fast



Slow
Fast



```
1 public boolean isCyclic()  
2 {  
3     Node fast = head;  
4     Node slow = head;  
5     while(fast != null && fast.next != null)  
6     {  
7         fast = fast.next.next;  
8         slow = slow.next;  
9         //if fast and slow pointers are meeting then LinkedList is cyclic  
10        if(fast == slow ) return true;  
11        else return false;  
12 }
```