Linked List

- What is linked list & Why do need linked list?

       Array: In array values are stored in Contigious memory location.

                 Advantange- Accessing random elements will cost less In Array , O(1) random access.

                 What about other time complexity? Ex: Insertion (At start O(N), At End O(1), At Kth Pos O(N)),
likewise for deletion.

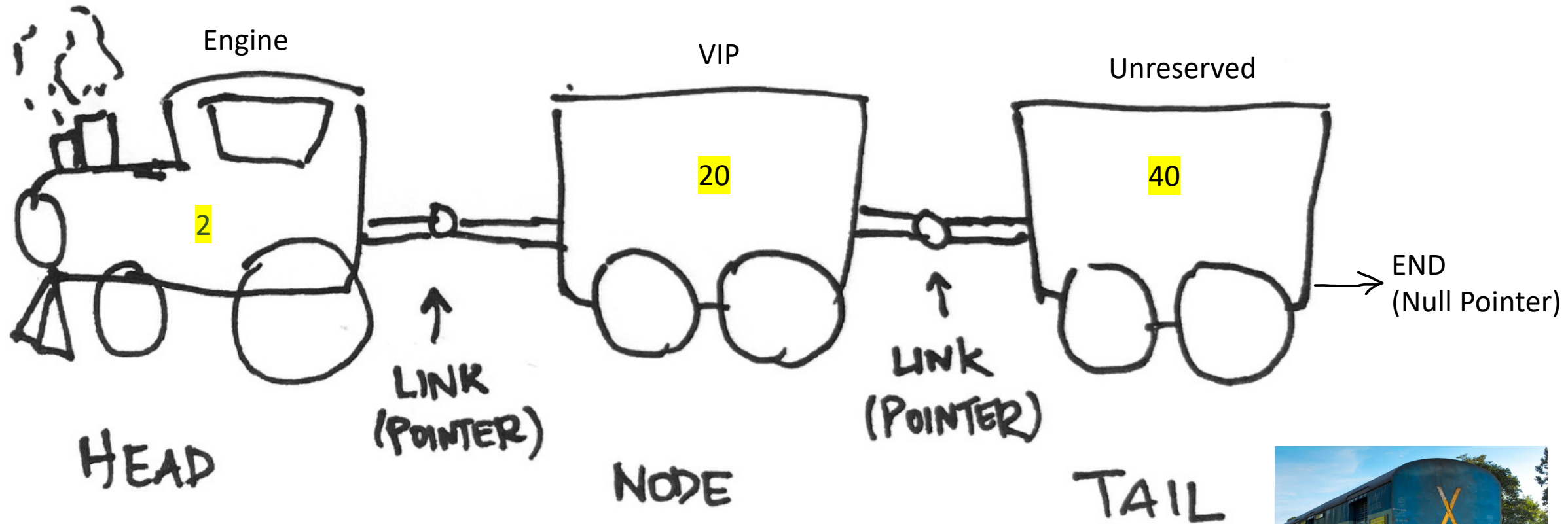Advantages of using Linked List:

       - Can be used when random access time complexity is not an issue.

       - Dynamic Size.

       - Efficient Insertions and Deletions.

       - No wasted memory.

- Use cases of linked list?

       URL navigation in browser (Back & Forward).

       Image navigation (Back & Forward) in mobile.

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Some Questions for you to try

- Delete in Linked List
- Count the size of linked list