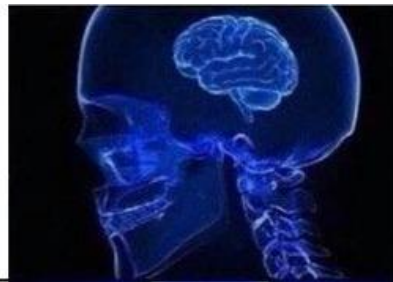


Key Concepts: Recursion & Linked Lists

- **Recursion:** base case, recursive case
- **Recursive vs Iterative Approaches**
- **Binary Search:** preconditions, algorithm, runtime
- **Recursive Tracing:** stack frames, stack overflow
- **Dynamic Allocation:** new, delete
- **Stack vs Heap:** local vs global memory
- **Linked List:** structure, diagram, insert, delete, find
- **Pros and Cons of Arrays vs Vectors vs Linked Lists**

**END OF THE
LINKED LIST
WHEN NEXT == 0**



**END OF THE
LINKED LIST WHEN
NEXT == FIRST_NODE**



**END OF THE
LINKED LIST WHEN
END_FLAG == TRUE**



**END OF THE
LINKED LIST WHEN
YOU START SEGFAULTING**

