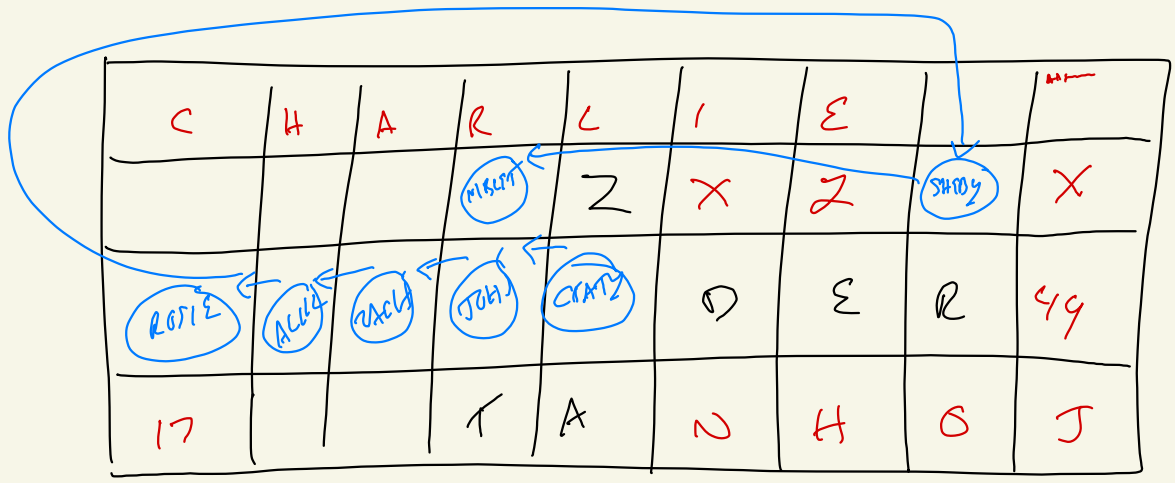


36

LINKED "LIST"

[1, 7, 4, 2]

↖ ELEMENTS HAVE VALUE

HEAD

NODES HAVE VALUE

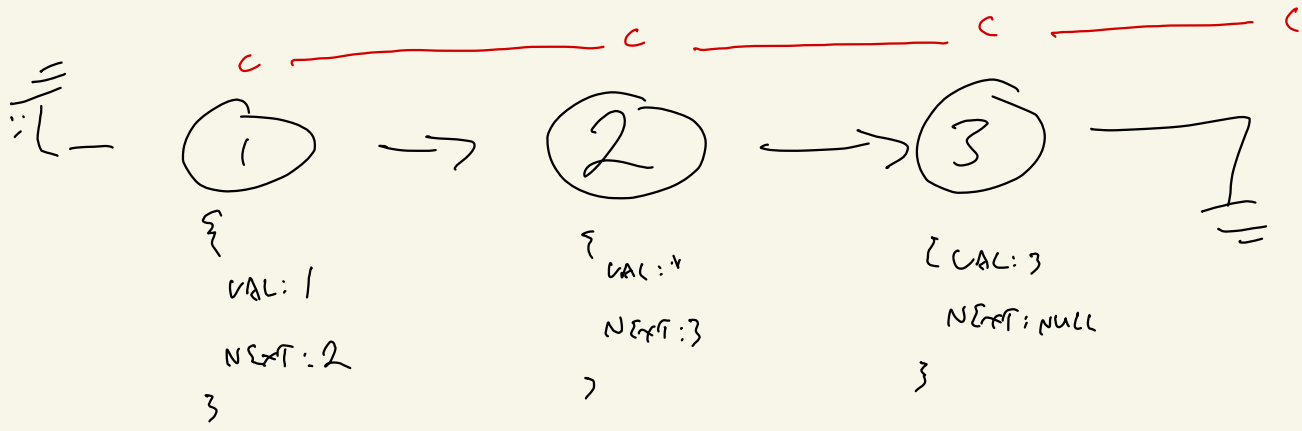
{ VALUE: 1
NEXT: (NODE)

NEXT POINTER

TAIL

```
CLASS LinkedList {

    Node head

    add(value)

}
```

```
CLASS Node {

    int value;
    Node next;

}
```



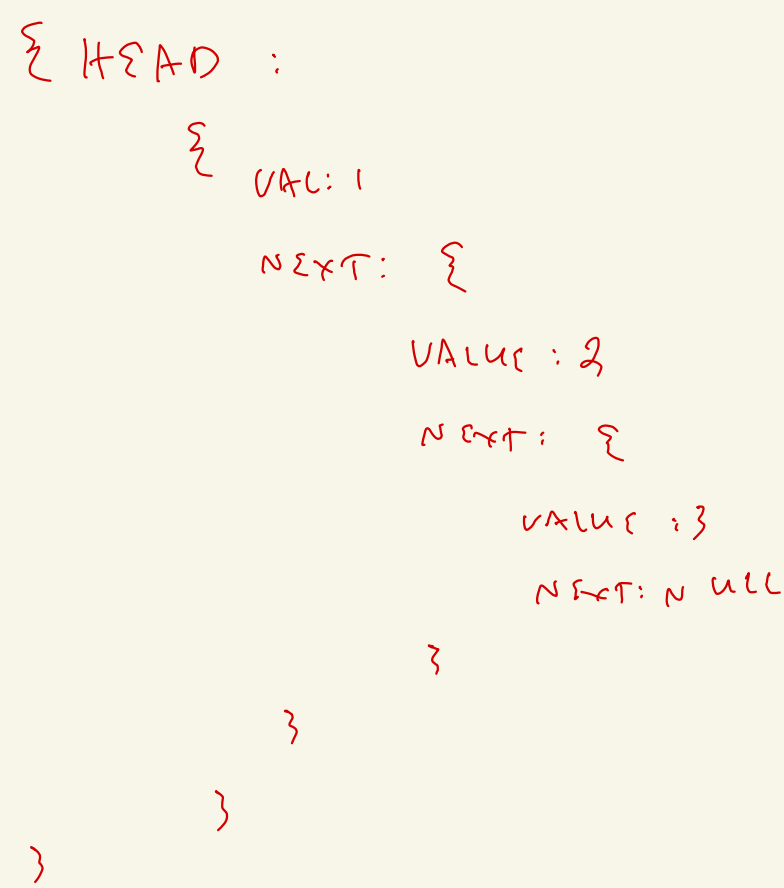

```
CURRENT = LL.Head;
while (CURRENT) {
    PRINT CURRENT.VAL
    CURRENT = CURRENT.NEXT
    ARR.PUSH(CURRENT.VAL)
}
//DONE
```

ONLY NEXT
"SINGLY LINKED LIST"

DOUBLY LINKED LIST
"HAS PREVIOUS"

1
2
3

LL



BIG O

MEASURES EFFICIENCY

MEMORY / SPACE

CPU / TIME

O(T)(N)

(S)(N²)

"N" → RELATIVE REPRESENTATION OF SIZE

FACTORS of N = N

N * N