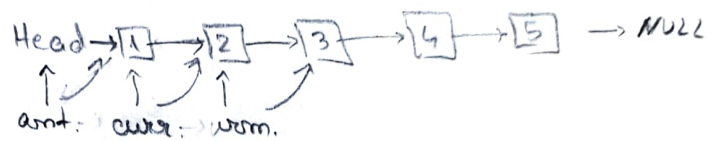


03.04.2024

Seminar 3

- ① Head → 1 → 2 → 3 → 4 → 5 fără recursivitate, $O(1)$
 1 ← 2 ← 3 ← 4 ← 5 ← Head listă simplu înlănțuită parcursă inv.

```
while (current != NULL) {
    current → next = ant;
    ant = current;
    current = next;
    next = next → next;
}
head = ant;
```



(pointeri)

ant = NULL

curr = head

next = curr → next

```
curr → next = ant
ant = curr
curr = next
next = next → next
```

while (curr != NULL)

Varianta geeksforgeeks.org:

```
while (curr != NULL) {
    next = curr → next;
    curr → next = prev;
    prev = curr;
    curr = next;
}
```

```
head = prev;
```



- ② aceeași listă, dar af. al m-lea nod, parcurgând 1 dată lista $O(1)$
 (inv. parcursă din nou)

