

Display Reverse (Recursive)

```
private void displayReverseHelper(Node node) {
```

```
    if (node == null) {
```

```
        return;
```

```
    }
```

```
    displayReverseHelper(node.next);
```

```
    System.out.print(node.data + " ");
```

```
}
```

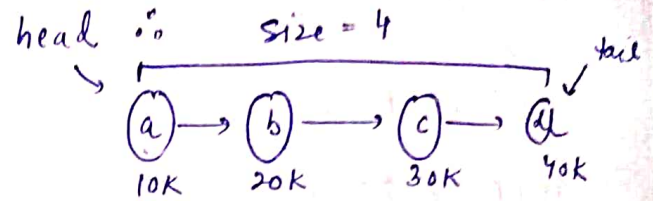
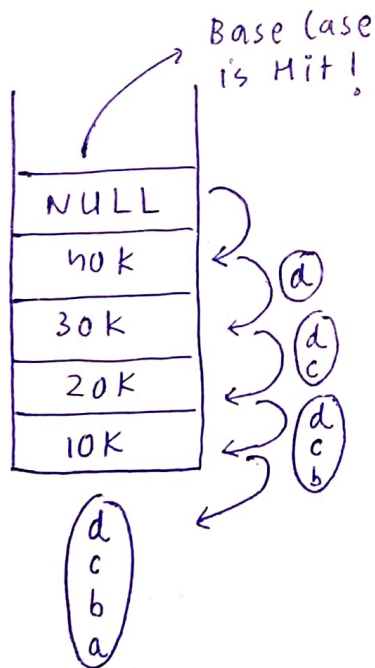
```
public void displayReverse() {
```

```
    displayReverseHelper(head);
```

```
    System.out.println();
```

```
}
```

```
}
```



= DisplayReverse() function is called.

↳ a call to displayReverseHelper(head) will be made!
It means it will be added to stack.

Head will further make a call to the next element at 20K, then 30K and then 40K, then null → base case

= After base case is hit then function starts returning!

= First it comes to 40K, then print the data at that node → d

= Then 30K, 20K and Last 10K.