

```
int count3 (Node * head) {
```

```
    int cnt = 0;
```

```
    Node *tmp = head;
```

```
    while (tmp != 0) {
```

```
        if (tmp->data == 3) {
```

```
            cnt++;
```

```
        }
```

```
        tmp = tmp->next;
```

```
    }
    return cnt;
}
```

Node



```
int count3ric(MODE *HEAD) {
```

```
if (HEAD->NEXT == NULL) {
```

```
    if (HEAD->DATA == 3) {
```

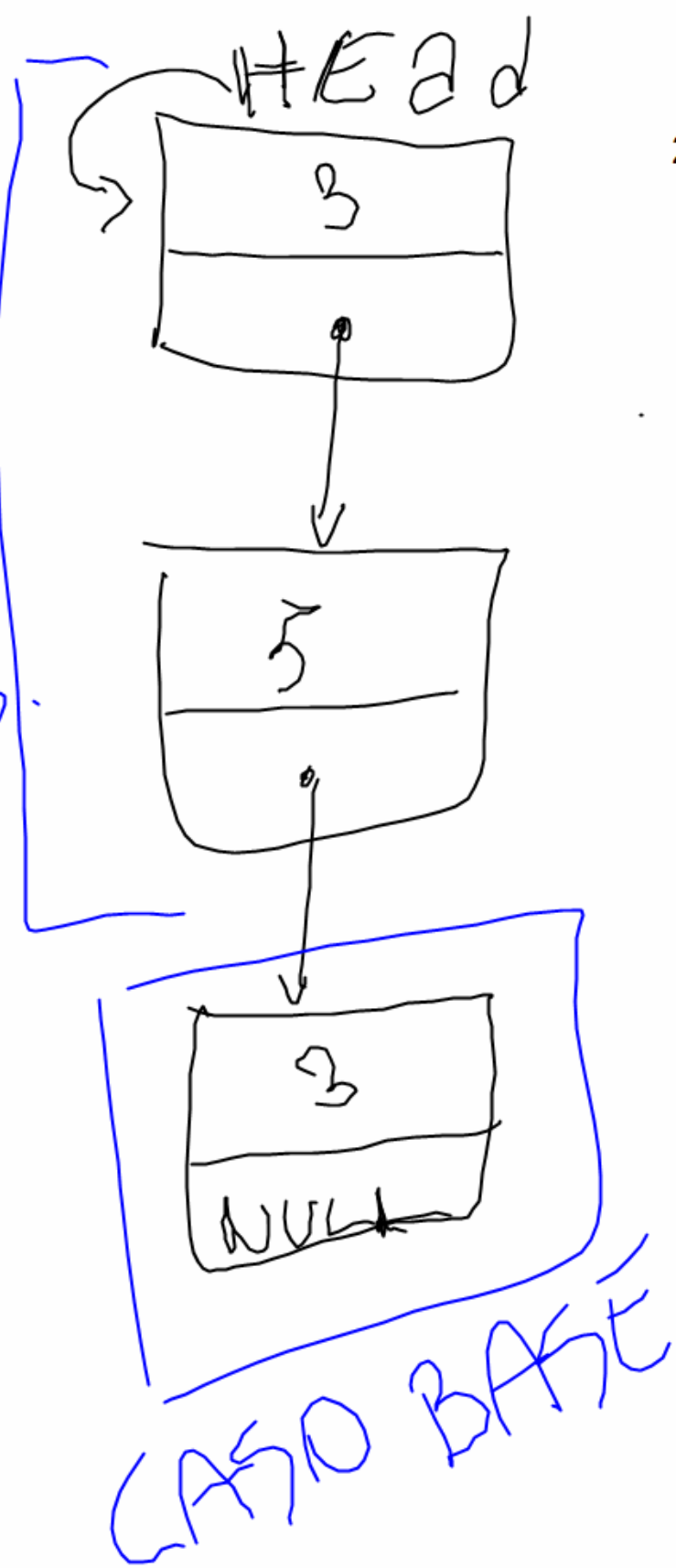
```
        return(1);
```

```
    } else {
```

```
        return(0);
```

```
    }
```

CASE 1
all work



```
else {  
    if (HEAD->DATA == 3) {  
        return 1 + countRec(HEAD->Next);  
    } else {  
        return 0 + countRec(HEAD->Next);  
    }  
}
```

```
}
```

```
}
```

ALTERNATIVA

```
IF (HEAD == NULL) {  
    RETURN 0;  
}
```

```
} ELSE {
```

```
    IF (HEAD->DATA == 3) {
```

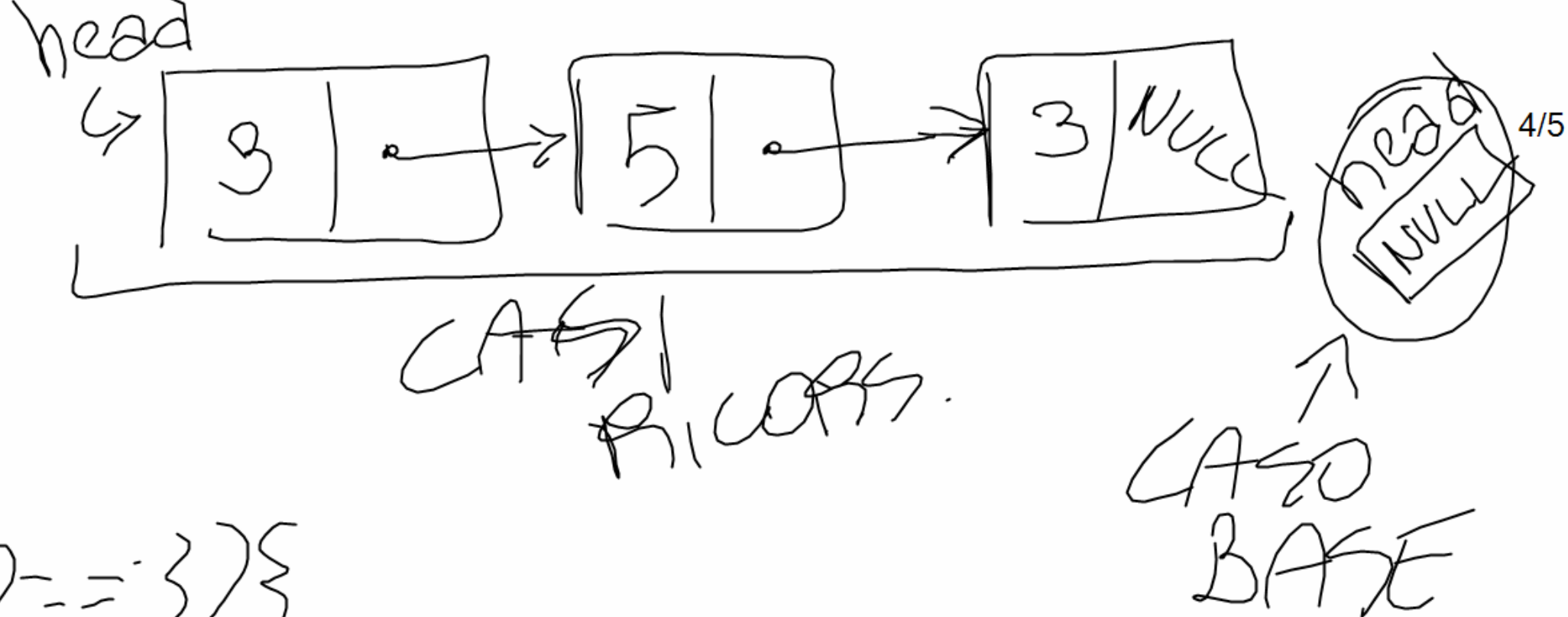
```
        RETURN 1 + CONTABRIL(HEAD->NEXT);
```

```
    } ELSE {
```

```
        RETURN 0 + CONTABRIL(HEAD->NEXT);
```

```
    }
```

```
}
```



ALTERNATIVA

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```
int conta3Ric(Nodo* head) {  
    IF(head != NULL) {  
        IF(head->datao == 3) {  
            RETURN 1 + conta3Ric(head->next);  
        }  
        RETURN 0 + conta3Ric(head->next);  
    }  
    RETURN 0;  
}
```