

SECOND LARGEST ELEMENT

★ One option is to sort the array and returning second last element (after accounting for repetitions in larger element).

That is very unoptimal. We can also just perform a linear search and store the largest, second largest number.

Pseudocode :

```
secondLargest(arr) {  
    L, sL = arr[0], arr[1];  
    for (int i = 0 → N) {  
        if (arr[i] < L && arr[i] > sL) {  
            sL = arr[i];  
        } else if (arr[i] >= L) {  
            sL = L;  
            L = arr[i];  
        }  
    }  
    return sL  
}
```