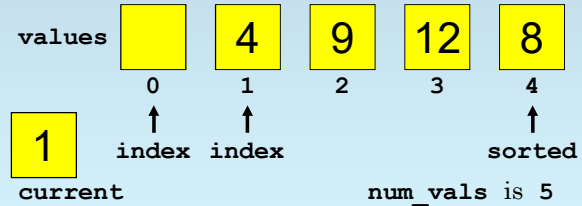


## Update and Test Again

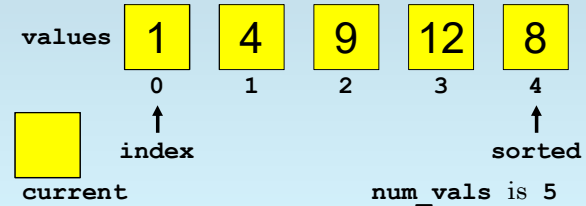
```
for (index = sorted - 1; 0 < index;
    index--) {
```

Is  $0 < \text{index}$ ? No. This loop is done.



## Place New Card in “Blank” Position (*index*)

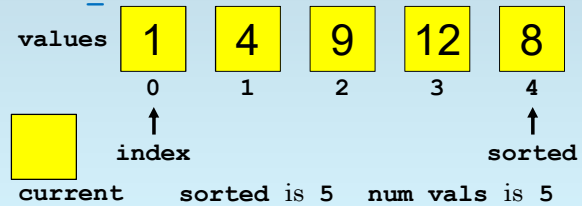
```
values[index] = current;
```



## Update and Test Again (First 4 Cards Now Sorted)

```
for (sorted = 2; num_vals >= sorted;
    sorted++) {
```

Is  $\text{num\_vals} \geq \text{sorted}$ ? Yes.



## Time to Insert the 8 at the Right Position

```
current = values[sorted - 1];
```

