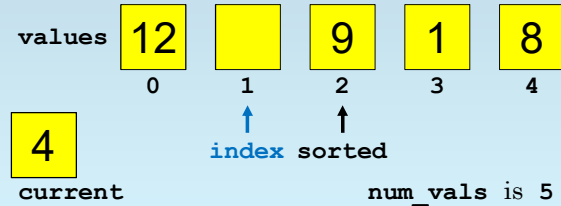


Find the Right Place for the 4

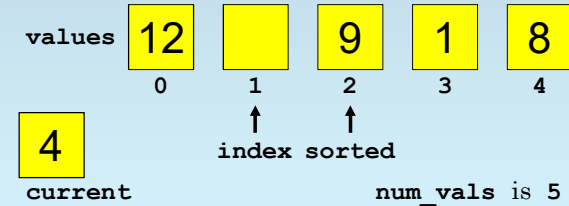
```
for (index = sorted - 1; 0 < index;
    index--) {
```

Is $0 < \text{index}$? Yes!



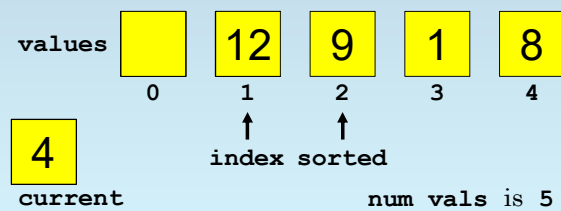
Compare 4 with 12

```
if (current >= values[index - 1]) {
    break;      Is 4 >= 12? No.
}
```



Copy 12 from Position 0 to Position 1

```
values[index] = values[index - 1];
```



Update and Test Again

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

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

