# Eric Hall – CS469 – HOS02 Answer

**Q: Could you modify this algorithm to return a descending array (from largest to smallest) ?**

All you would have to do is change the less than symbol to a greater than symbol in the for loop when deciding the start_index. Also best practice to change the variable names to something like largest rather than smallest since we're looking for the largest_index first. See below:

```python
for i in range(start_index, len(arr)):
    if arr[i] > largest:
        index = i
        largest = arr[i]
return largest, index
```