CS62: Fall 2026 | Lecture #10 (Selection & Insertion sort) worksheet

1. Using selection sort, sort the array with elements [12,10,16,11,9,7]. Draw each swap as a new row.

3. Using insertion sort, sort the array with elements [12,10,16,11,9,7]. Draw each insertion as a new row.

4. Fill in the blanks to implement insertionSort.

```
public static <E extends Comparable<E>> void insertSort(E[] a) {
        for( int i = 1; i < a.length; i++ ) {
            E current = a[i];
            int j = i-1;
            while( j >= 0 && ______.compareTo(_______) < 0 ) {
                // move element j to position j+1
                __________;
                j--;
            }

            a[j+1] = current;
        }
    }
```