

**Consider the following array initialization:**      `int[ ] arrayOfLight = {9, 15, 28, 11, 52, 33, 21, 63, 2, 45}`

1. Show the complete process that a selection sort would follow to sort the data (show each pass):

2. Show the complete process that an insertion sort would follow to sort the data (show each pass):

3. The array *arrayOfLight* can be referred to as an array with 10 elements (arrayOfLight[0], arrayOfLight[1],...) Consider a new array called *stingArray* with 'n' elements. The array initializer list is shown below:

```
int[ ] stingArray = {4, 2, 8, 6, 5, 1};
```

Complete the first 2 passes of a bubble sort, what is the value of stingArray[2] and stingArray[5] after the 2 passes of the bubble sort have been completed?

4. Show the remaining passes that a bubble sort would follow to completely sort the data (show each pass):