2.1 Insertion Sort Demo

click to begin demo
• In iteration $i$, swap $a[i]$ with each larger entry to its left.
Insertion sort

• In iteration $i$, swap $a[i]$ with each larger entry to its left.
Selection sort

• In iteration $i$, swap $a[i]$ with each larger entry to its left.
• In iteration $i$, swap $a[i]$ with each larger entry to its left.
• In iteration $i$, swap $a[i]$ with each larger entry to its left.
• In iteration \( i \), swap \( a[i] \) with each larger entry to its left.
• In iteration $i$, swap $a[i]$ with each larger entry to its left.

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- in ascending order
- not yet seen
Insertion sort

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```
3
4
5
7
8
10
```

not yet seen
• In iteration $i$, swap $a[i]$ with each larger entry to its left.

```
3 ♠ 4 ♠ 5 ♠ 7 ♠ 8 ♠ 10 ♠ 
```

in ascending order

```

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not yet seen
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