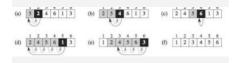


## birdgin Cheat Sheet by [deleted] via cheatography.com/63042/cs/16099/

## insertion sort



## 1

```
\begin{split} & \text{INSERTION-SORT}(A) \\ & 1 \quad \text{for } j = 2 \text{ to } A.length \\ & 2 \qquad key = A[j] \\ & 3 \qquad \text{// Insert } A[j] \text{ into the sorted sequence } A[1 \mathinner{.\,.} j-1]. \\ & 4 \qquad i = j-1 \\ & 5 \qquad \text{while } i > 0 \text{ and } A[i] > key \\ & 6 \qquad A[i+1] = A[i] \\ & 7 \qquad i = i-1 \\ & 8 \qquad A[i+1] = key \end{split}
```



## By [deleted]

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