Hands-on - Ch. 17

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1. a. Aggregate method:

When The table needs space, its size will double, so as a result, if n elements must be moveted for a resize to occur, a resize will not occur after that will 2n elements have been added. This pattern continues exponentially, and so the resizing process has little impact on our cuntime. Since each individual insertion taxes OCID time, our total runtime for insortial n elements is OCND.

b. Accounting Method!

Actual cost:

Insertian: OCI7 Resite: QCn7

Cuntime is OCN.

For each inserting the cost is OCA, or OCI).

Total Charge: 20, or OCM?