

IDB Lecture 3: Basic SQL 2

Database Modification

```
UPDATE <table>
SET <assignments>
WHERE <condition>
```

Joins

Joins are syntactic sugar for filters with multiple tables

```
table1 JOIN table2 ON <condition>          -- defaults to inner
table1 INNER JOIN table2 ON <condition>     -- rows in t1 and t2
table1 LEFT JOIN table2 ON <condition>      -- rows in t1
table1 RIGHT JOIN table2 ON <condition>     -- rows in t2
table1 OUTER JOIN table2 ON <condition>    -- rows in t1 or t2
```

(Re)naming Attributes in Queries

```
... FROM Customer C, Account [AS] A ...
```

- the AS is optional