

9.) Combine data from 2 tables using a left Join

→ Select * from tbl1 as t1
LEFT JOIN tbl2 as t2 ON t2.col1 = t1.col1;

10.) Aggregate & filter Results

→ SELECT
col1,
AVG (col2) = AVG (col3) as total
FROM tbl
GROUP BY col1
HAVING total > 2.

11.) Implementation of CASE statement →

→ Select col1,
CASE
when col1 > 10 THEN 'more than 10'
when col1 < 10 THEN 'less than 10'
ELSE '10'
END AS New Column Name
FROM tbl;

(*) ORDER OF EXECUTION →

FROM
WHERE
GROUP BY
HAVING
SELECT
ORDER BY
LIMIT





⑥

[Create]

```
CREATE DATABASE MyDatabase ;
```

```
CREATE INDEX IndexName  
ON TableName (col1);
```

```
CREATE TABLE OurTable (  
    id int,  
    name varchar (12)  
);
```

* [UPDATE TABLE]

```
UPDATE OurTable  
SET col1 = 56  
Where col2 = 'Something';
```

* [DELETE]

```
DROP DATABASE OurDatabase ;
```

```
DROP TABLE OurTable ;
```

* [DELETE Records]

```
→ Delete from OurTable  
Where col1 = 'Something';
```




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#

Add / Remove Column

Alter Table Ourtable
ADD cols int;

ALTER TABLE OurTable
DROP Column cols;