

**CASE**

**WHEN** CONDITION\_1 **THEN** 'Do something'

**WHEN** CONDITION\_2 **THEN** 'Do something 2'

**ELSE** 'Default do something'

**END**

**SELECT**

name,

enrolled,

**CASE**

**WHEN** enrolled >= (CURRENT\_DATE - INTERVAL '30 days') **THEN** 'Recently  
Admitted'

**WHEN** enrolled >= (CURRENT\_DATE - INTERVAL '180 days') **THEN**  
'Admitted'

**ELSE** 'Old student'

**END AS** remark

**from** student

COALESCE(column\_name , 'Show string')

select

name ,

COALESCE(email, 'No Email Found')

from student

```
SELECT name , NULLIF(duration, 0) from course;
```

```
SELECT name,  
       CASE  
       WHEN (duration IS NULL) OR (duration = 0) THEN 'No duration'  
       ELSE duration::TEXT  
       END AS duration  
FROM course;
```

# AGGREGATE FUNCTION

- COUNT()
- SUM()
- AVG()
- MIN()
- MAX()

```
select count(*) from student; -- not recommended  
select count(id) from student; -- recommended
```

```
SELECT  
    MIN(duration) AS "Minimum Duration",  
    MAX(duration) AS "MAXIMUM Duration",  
    ROUND( AVG(duration) , 2 ) AS "Average Duration",  
    SUM(duration) AS "Total Duration"  
from course
```