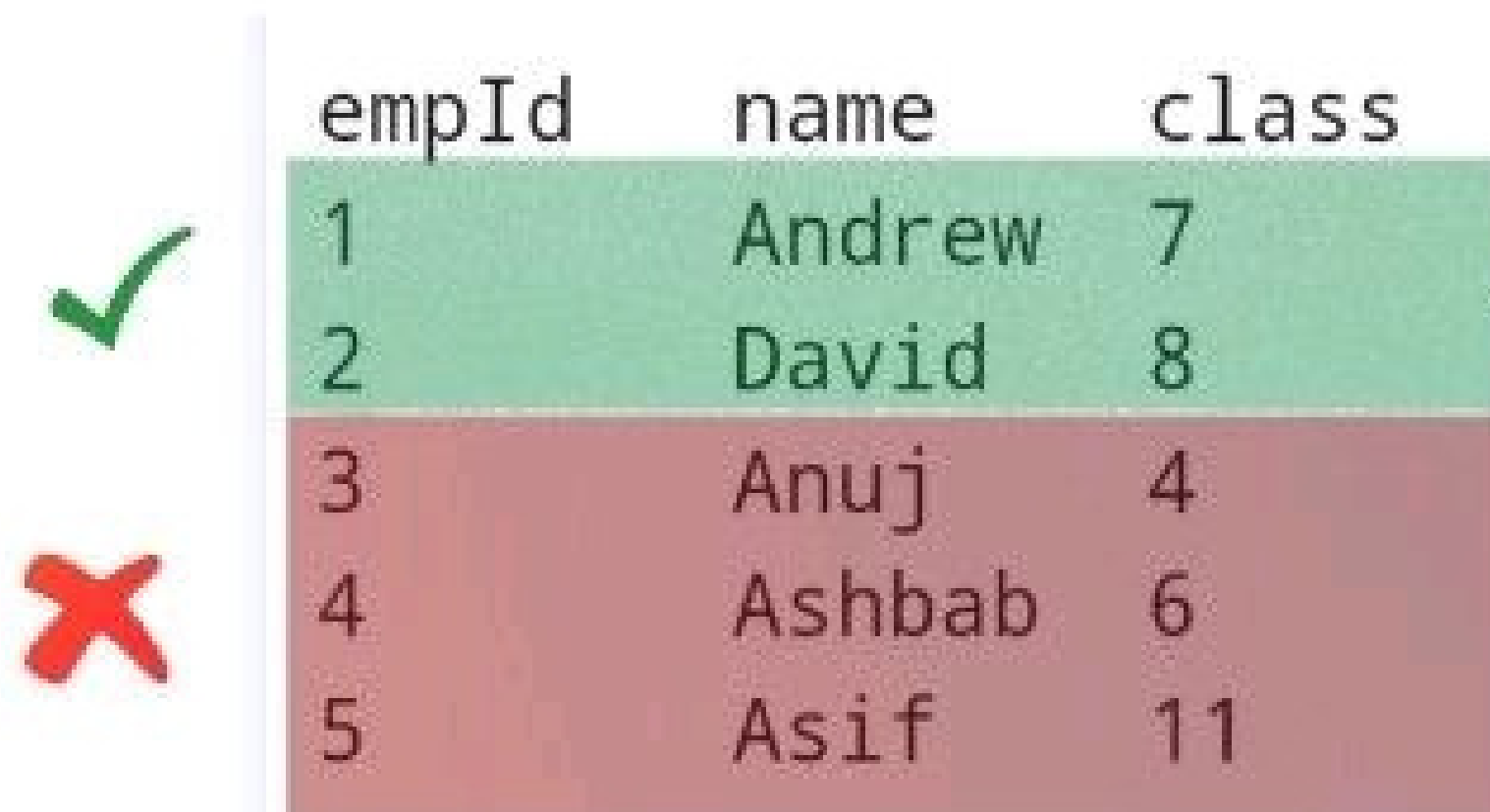


Limit in SQL

SELECT * FROM EMPLOYEE LIMIT 2;

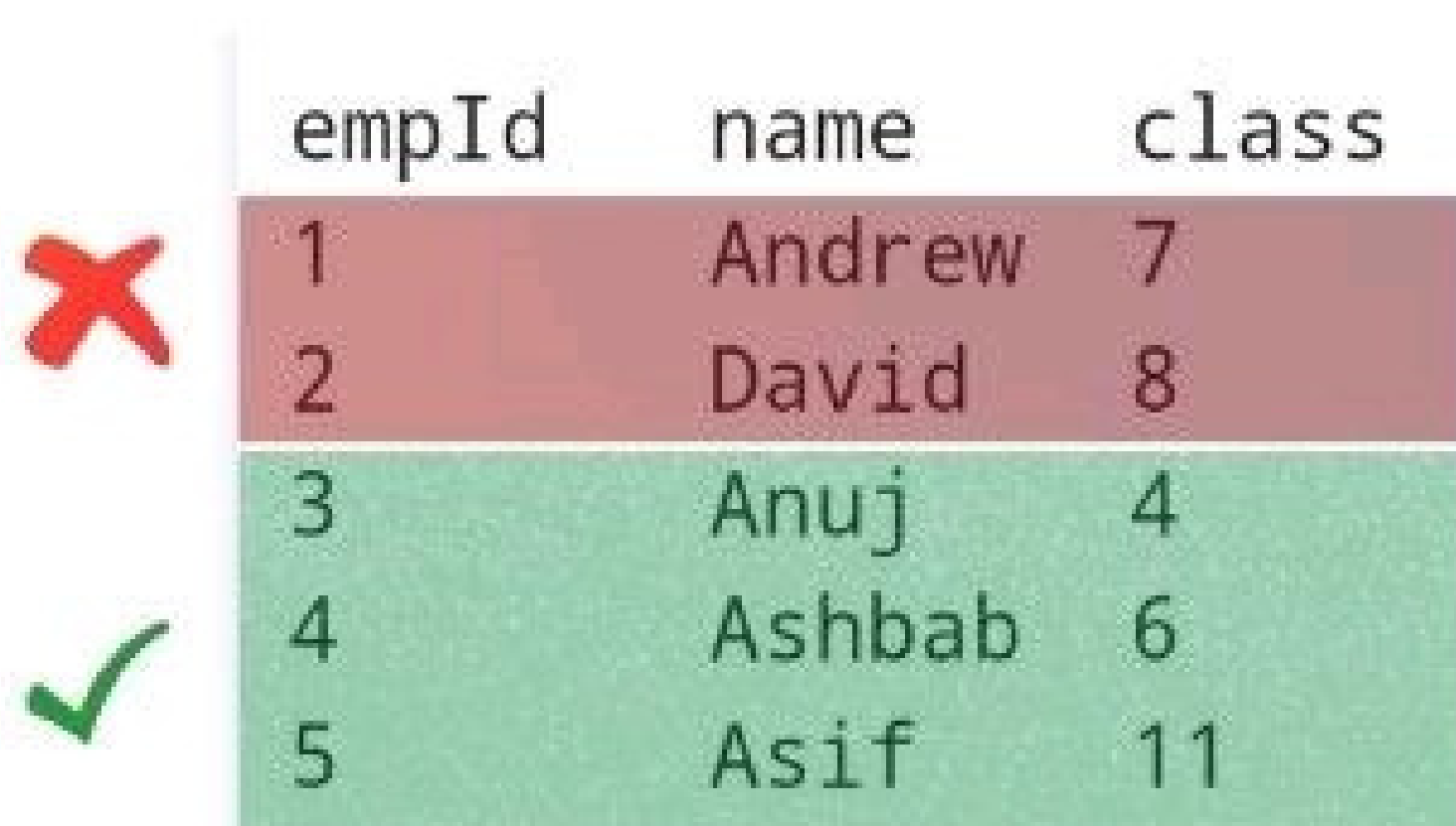


empId	name	class
1	Andrew	7
2	David	8
3	Anuj	4
4	Ashbab	6
5	Asif	11

Output

empId	name	class
1	Andrew	7
2	David	8

SELECT * FROM EMPLOYEE LIMIT 2,3;



empId	name	class
1	Andrew	7
2	David	8
3	Anuj	4
4	Ashbab	6
5	Asif	11

Output

empId	name	class
3	Anuj	4
4	Ashbab	6
5	Asif	11

Partition in SQL

empId	name	gender
1	Andrew	M
2	Raju	M
3	Priya	F
4	Joseph	M
5	Sarah	F

→ Employee
table

```
Select *,count(gender) over  
(partition by gender) AS  
no_of_male_female  
FROM EMPLOYEE;
```

Output

empId	name	gender	no_of_male_female
3	Priya	F	2
5	Sarah	F	2
1	Andrew	M	3
2	Raju	M	3
4	Joseph	M	3

Trigger in SQL

Trigger_Event

Our trigger name

```
DELIMITER $$
CREATE TRIGGER age_checker
BEFORE INSERT ON Voter FOR EACH ROW
BEGIN
  IF NEW.age < 18
  THEN
    SIGNAL SQLSTATE '45000'
    SET MESSAGE_TEXT = 'age must be >= 18';
  END IF;
END;
$$ DELIMITER;
```

Table_name

Trigger_Time

Delimiter

Setting our error message

```
mysql> INSERT INTO Voter(Name,age) VALUES('Andrew',17);
ERROR 1644 (45000): age must be >= 18
mysql> SELECT * FROM Voter;
+----+-----+-----+
| Id | Name  | age  |
+----+-----+-----+
| 1  | Ashbab | 24  |
+----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

Showing our custom error message when trying to insert age less than 18

Coalesce function in SQL

empId	name	location	gender	
1	Aditi	India	F	
2	Warner	Australia	M	
3	David	NULL	M	
4	Sarah	NULL	F	
5	Joseph	USA	M	
6	Jordan	NULL	F	

→ EMPLOYEE table

→ The location column contains 3 NULL values

Passing in the COALESCE function

```
SELECT COALESCE(location,'Missing_value') as Location  
FROM EMPLOYEE;
```

OUTPUT

```
Location  
India  
Australia  
Missing_value  
Missing_value  
USA  
Missing_value
```

All the Null values
in the location
column replace with
Missing_value





Hello myself ashbab khan
I am a data scientist and a
content creator.

All the content I post is
created by me
feel free to connect with
me for receiving this type
of content