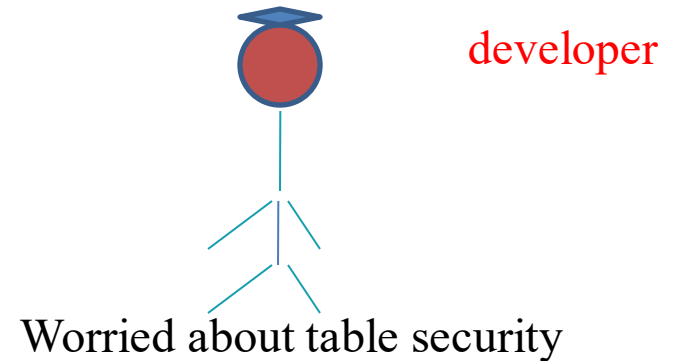
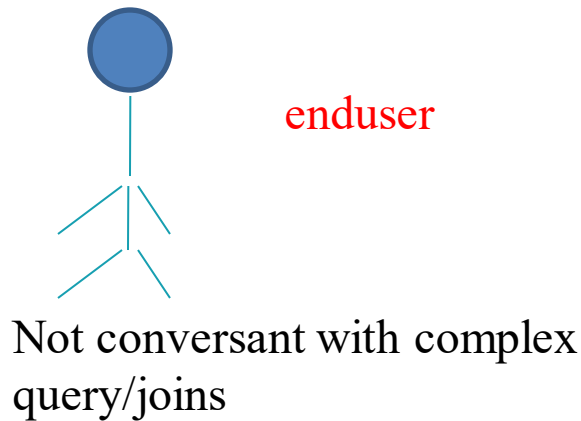


# VIEWS



- Very Handy for both developer and enduser
- You can give partial rows/columns for access
- Virtual table

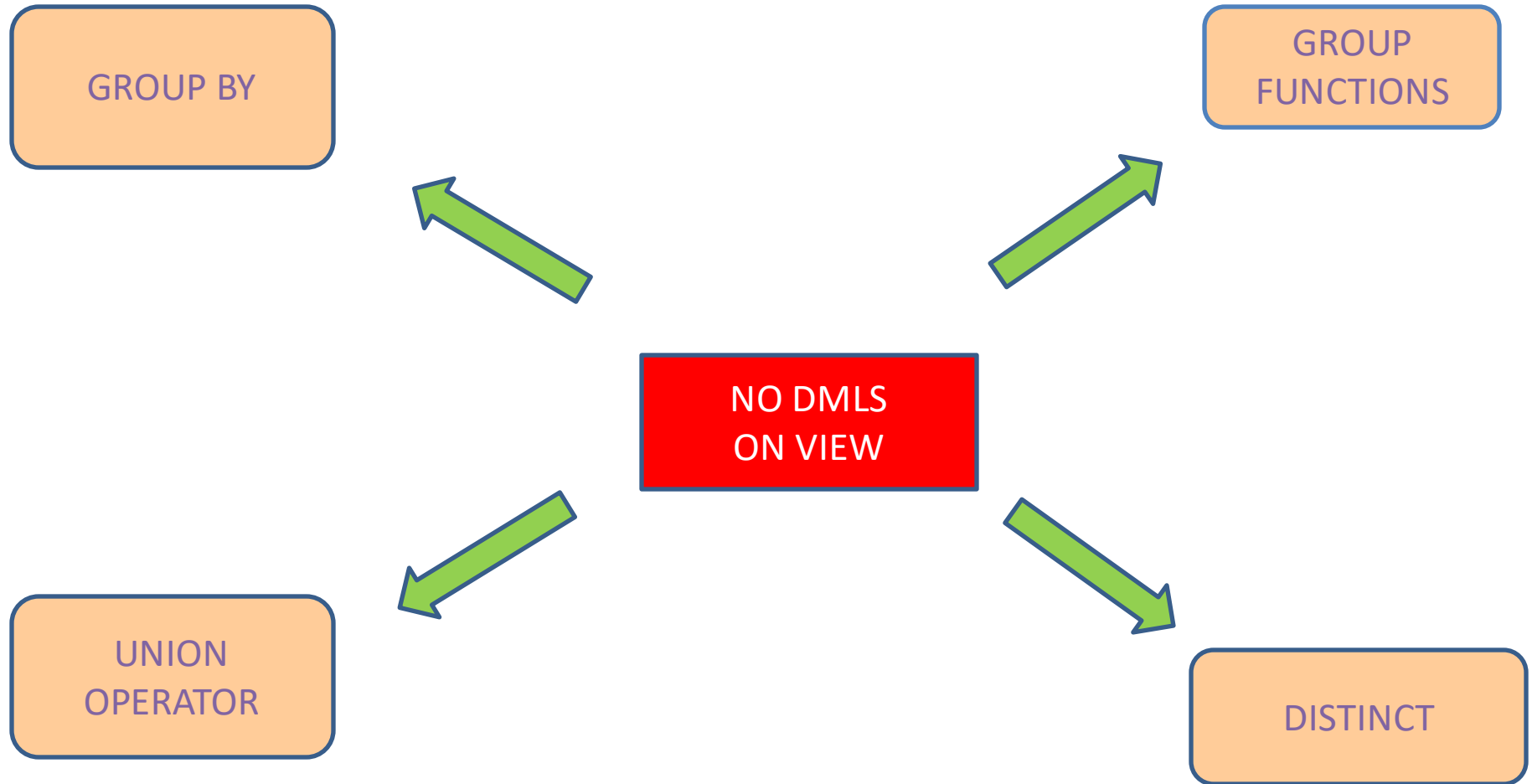
# VIEWS

```
CREATE OR REPLACE  
VIEW V1  
AS SELECT *  
FROM EMP
```

# VIEWS

SIMPLE	COMPLEX
CREATED OUT OF SINGLE TABLE	MORE THAN ONE TABLE
NO AGGREGATE FUNCTIONS	CAN HAVE AGGREGATE
DMLS ARE PERMITTED	NOT ALWAYS

# VIEWS



# VIEW WITH CHECK OPTION

- Specifies the level of checking to be done when inserting or updating data through a view.

```
CREATE VIEW V2  
AS SELECT * FROM EMP  
WHERE DEPTNO=10 WITH CHECK OPTION
```

```
UPDATE V2 SET DEPTNO=40
```

DEPTNO TO  
BE ONLY

10



# VIEWS

Department 30 needs access to its employee data.

1. Create a view named V\$DEPT30 that contains the employee numbers, employee names, and department numbers for all employees in department 30.
2. Label the view columns EMPLOYEE\_NO, EMPLOYEE\_NAME , and DEPARTMNT\_NO .

For security purposes, do not allow an employee to be reassigned to another department through the view.

3. SELECT THE DATA FROM VIEW
4. TRY TO ASSIGN DIFFERENT DEPARTMENT NUMBER TO MR.TURNER