

# Why SQL ?

**Easy to learn**

**Easy to clear tech round**

**Everywhere required**

**70% of our batch students - success**

# Some Basics

**Information**

**Data**

**Database**

**DBMS**

**RDBMS**

**Table**

**Rows / Records**

**Columns / Fields / Attributes**

**number**

**varchar2**

**date**

SQL is nothing but a language  
Structured Query Language

Subset of English

Get, Bring, Collect etc == SEL

REQUIREMENT NO 0:

=====

SHOW ALL THE DETAILS OF EMPLOYEES

QUERY:

SELECT \* FROM HR.EMPLOYEES

REQUIREMENT NO 1:

=====

SHOW THE EMPLOYEES WITH INFORMATION OF THIER EMPLOYEE\_ID, EMAIL, JOB\_ID & S

QUERY :

SELECT EMPLOYEE\_ID,EMAIL,JOB\_ID,SALARY  
FROM HR.EMPLOYEES

REQUIREMENT NO 2 :

=====

SHOW THE EMPLOYEES DETAILS OF THIER  
EMPLOYEE\_ID, FIRST\_NAME, SALARY, MANAGER\_ID, DEPARTMENT\_ID

QUERY:

SELECT EMPLOYEE\_ID,FIRST\_NAME, MANAGER\_ID, DEPARTMENT\_ID FROM HR.EMPLOYEES

REQUIREMENT NO 4:

=====

SHOW ALL THE DETAILS FROM EMPLOYEES WHOSE SALARY IS GREATER THAN 10000

QUERY:

=====

```
SELECT *  
FROM HR.EMPLOYEES  
WHERE SALARY > 10000
```

REQUIREMENT NO 5:

=====

SHOW EMPLOYEE\_ID, EMAIL, SALARY, DEPARTMENT\_ID  
FOR THE EMPLOYEES WHOSE SALARY IS LESS THAN 8000

QUERY

=====

```
SELECT EMPLOYEE_ID, EMAIL, SALARY, DEPARTMENT_ID  
FROM HR.EMPLOYEES
```

## POINT TO REMEMBER

=====

NUMBER = NO SINGLE QUOTES

CHAR = SINGLE QUOTES

## ASSIGNMENTS

=====

1. SHOW ALL THE EMPLOYEES WHOSE SALARY IS GREATER THAN 1500  
ONLY FIRST\_NAME, LAST\_NAME, SALARY HAS TO BE SHOWN
2. SHOW ALL THE EMPLOYEES WHOSE FIRST\_NAME IS 'Alexander'  
SHOW ALL THE DETAILS
3. SHOW FIRST NAME, EMAIL, SALARY  
FOR ALL THE EMPLOYEES WHOSE JOB\_ID IS 'IT\_PROG'