**PSEUDO COLUMNS**

Pseudo columns are the falls column that are present in each and every table and must be called explicitly.

We have 2 pseudo columns.

1. ROWID
2. ROWNUM
3. **ROWID :** Rowid is a 18 digit address that is present for each and every record and it is nothing but a physical memory location on which record is stored.
4. Rowid is generated at the time of insertion record.
5. Rowid is unique.
6. Rowid is used to uniquely identify the record from the table.
7. Rowid is the fastest way to access/delete the record.
8. Rowid doesn’t change (static).

**Example:**

**SELECT ROWID, EMP.\***

**FROM EMP;**

1. **ROWNUM : Rownum is nothing but sequential number allocated to the result table.**
2. Rownum is generated at the time of execution.
3. Rownum can be changed (dynamic).
4. Rownum can’t be same.
5. Rownum always starts with 1.

**QUERIES**

1. WAQTD 3rd record from the emp table.
2. WAQTD the last 5 records from the table.
3. WAQTD 4th maximum salary.
4. WAQTD 9th maximum salary.