**Filtering and sorting Query results**

**Select query with unique results**

**SELECT DISTINCT column, another\_column, …**

**FROM mytable**

**WHERE *condition(s)*;**

**Since the DISTINCT keyword will blindly remove duplicate rows**

**Select query with ordered results**

**SELECT column, another\_column, …**

**FROM mytable**

**WHERE *condition(s)***

**ORDER BY column ASC/DESC;**

**When an ORDER BY clause is specified, each row is sorted alpha-numerically based on the specified column's value.**

# **Limiting results to a subset**

Another clause which is commonly used with the **ORDER BY** clause are the **LIMIT** and **OFFSET** clauses, which are a useful optimization to indicate to the database the subset of the results you care about.

The **LIMIT** will reduce the number of rows to return, and the optional **OFFSET** will specify where to begin counting the number rows from.

**Select query with limited rows**

SELECT column, another\_column, …

FROM mytable

WHERE *condition(s)*

ORDER BY column ASC/DESC

**LIMIT num\_limit OFFSET num\_offset**;

**LETS DO QUESTIONS**

**Table: Movies**

| **Id** | **Title** | **Director** | **Year** | **Length\_minutes** |
| --- | --- | --- | --- | --- |
| **1** | **A Bug's Life** | **John Lasseter** | **1998** | **95** |
| **2** | **Monsters, Inc.** | **Pete Docter** | **2001** | **92** |
| **3** | **Toy Story 2** | **John Lasseter** | **1999** | **93** |
| **4** | **Cars 2** | **John Lasseter** | **2011** | **120** |
| **5** | **The Incredibles** | **Brad Bird** | **2004** | **116** |
| **6** | **Cars** | **John Lasseter** | **2006** | **117** |
| **7** | **Ratatouille** | **Brad Bird** | **2007** | **115** |
| **8** | **Finding Nemo** | **Andrew Stanton** | **2003** | **107** |
| **9** | **Up** | **Pete Docter** | **2009** | **101** |
| **10** | **Toy Story 3** | **Lee Unkrich** | **2010** | **103** |

**Tasks**

1. **List all directors of Pixar movies (alphabetically), without duplicates**
2. **List the last four Pixar movies released (ordered from most recent to least)**
3. **List the first five Pixar movies sorted alphabetically**
4. **List the next five Pixar movies sorted alphabetically**