Module 2 Day 5

Week 5 Review

Union

- Combines two or more queries into a single result set
- The number and data type of columns must be identical
- Columns will be named based on the first query
- "Union" removes duplicate rows, "Union All" does not
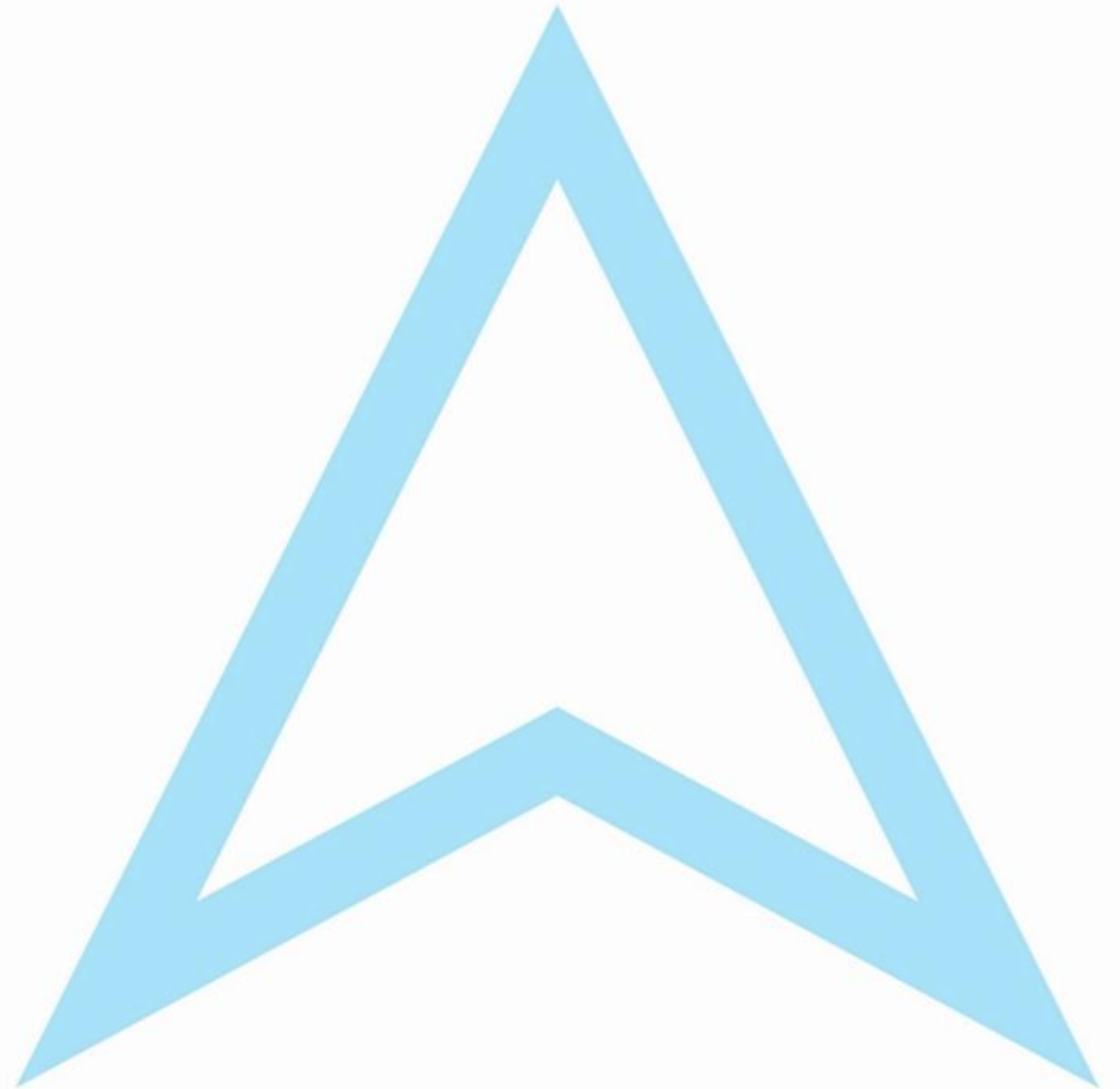- Order By is allowed on the last query only

```
SELECT expression1, expression2, ... expression_n
FROM tables
[WHERE conditions]
UNION
SELECT expression1, expression2, ... expression_n
FROM tables
[WHERE conditions]
```

Let's Code

Schema Information

- ISO standard views for getting information about a db schema
  - SELECT * FROM INFORMATION_SCHEMA.TABLES
  - SELECT * FROM INFORMATION_SCHEMA. COLUMNS
  - SELECT * FROM INFORMATION_SCHEMA.TABLE_CONSTRAINTS
  - SELECT * FROM INFORMATION_SCHEMA.CONSTRAINT_COLUMN_USAGE
  - SELECT * FROM INFORMATION_SCHEMA.REFERENTIAL_CONSTRAINTS
- https://docs.microsoft.com/en-us/sql/relational-databases/system-information-schema-views/system-information-schema-views-transact-sql?view=sql-server-2016

Pairs Exercise

- Work in Pairs in the assigned room
- Come back to the class to meet at:
- Return to the class to wrap-up at:

Week 5 Pairs Exercise

Team	Student	Room
0	Dejan Cancar	EUCLID
0	Robin Blake	
1	Colin Leverette	GARAGE
1	Lucinda Verplanck	
2	Marissa Buss	GOSLING
2	Paul Vanden Broeck	
3	Aklile Kebede	HOPPER
3	Clayton Cross	
4	Bill Michaels	JOHNSON
4	Jess Wilson-Woodrow	
5	Brandon Oleksik	LOVELACE
5	Kameron Howes	
6	Andrew Dorscheid	ONTARIO
6	Timothy Becker	
7	Amir Farhat	PARTICIPATE
7	Todd Zucker	
8	Ahmad Doleh	PROSPECT
8	Edward Uhl	