* set operations

SELECT EPISODE,TITLE FROM week5.bob\_ross where EPISODE like 'S02%'

union

SELECT EPISODE, TITLE FROM episodes\_bk where TITLE like '%RIVER%';

* subqueries

SELECT EPISODE, TITLE FROM bob\_ross where TITLE in (

select TITLE from episodes\_bk where GRASS = 1

);

* order of operation of queries

SELECT \* FROM bob\_ross where ( TREES = 1 and EPISODE like 'S07%') or ( TITLE like 'WATER%');

* associations

SELECT concat(emp.EmpFirstName, " ", emp.EmpLastName) as 'Emp Name', ord.OrderDate, ord.OrderTotal FROM employees emp

inner join orders ord on ord.EmployeeID = emp.EmployeeID where ord.OrderTotal > 4000;

* joins and multiple table joins

SELECT distinct cus.CustomerID, concat(cus.CustFirstName, " ", cus.CustLastName) as 'Cus Name',

concat(emp.EmpFirstName, " ", emp.EmpLastName) as 'Emp Name', ord.OrderTotal FROM customers cus

inner join orders ord on ord.CustomerID = cus.CustomerID

inner join employees emp on emp.EmployeeID = ord.EmployeeID;