Kolbeinn Ingólfsson – Skilaverkefni 2 GAGN2HS05BU

/\*1\*/

select ProductName, QuantityPerUnit from Products;

/\*2\*/

select ProductID, ProductName from Products

where Discontinued = 0;

/\*3\*/

select \* from Products

where Discontinued = 1;

/\*4\*/

select \* from Products

where UnitPrice in (select MAX(UnitPrice) from products) OR UnitPrice in (select MIN(UnitPrice) from products);

/\*5\*/

select ProductID, ProductName, UnitPrice from Products

where UnitPrice < 20;

/\*6\*/

select ProductID, ProductName, UnitPrice from Products

where UnitPrice < 25

and UnitPrice > 15;

/\*7\*/

select ProductName, UnitPrice from Products

where UnitPrice > (select avg(UnitPrice) from Products);

/\*8\*/

select ProductName, UnitPrice from Products

order by UnitPrice DESC

limit 10;

/\*9\*/

select count(\*) from Products

group by Discontinued;

/\*10\*/

select ProductName, UnitsInStock, UnitsOnOrder from Products

where UnitsInStock < UnitsOnOrder;

/\*Human Resources\*/

use 0908002640\_HumanResources;

/\*select \* from table commands here below are just an easy way to quickly execute and see names of rows\*/

select \* from employees;

select \* from departments;

select \* from jobs;

select \* from locations;

select \* from regions;

select \* from countries;

/\*1\*/

select first\_name, last\_name,salary from employees

where salary > (select salary from employees where last\_name = "Bull");

/\*2\*/

select first\_name, last\_name from employees

natural join departments

where Department\_Name = "IT";

/\*3\*/

select distinct first\_name,last\_name from employees

natural join locations

where manager\_id != 0 and country\_id = "US";

/\*4\*/

select first\_name, last\_name, job\_id,jobs.job\_title from employees

natural join jobs

where job\_id like "%MGR%" or job\_id like "%MAN%";

/\*5\*/

select first\_name, last\_name, salary from employees

where salary > (select avg(salary) from employees);

/\*JOIN\*/

/\*1\*/

select department\_name,street\_address,city,state\_province,location\_id,country\_name from locations

natural join departments, countries

where locations.country\_id = countries.country\_id;

/\*2\*/

select first\_name, last\_name, department\_id from employees

natural join departments

where departments.department\_id = department\_id;

/\*3\*/

select first\_name, last\_name, job\_title, department\_id, city from employees

natural join jobs, locations

where city = "London";

/\*4\*/

select emp.employee\_id, emp.last\_name, man.employee\_id as manager\_id, man.last\_name 'Manager'

from employees emp

join employees man

where (emp.manager\_id = man.employee\_id);

/\*5\*/

SELECT emp.first\_name, emp.last\_name, emp.hire\_date FROM employees as emp

JOIN employees as nofn

WHERE nofn.last\_name = 'Jones' and nofn.hire\_date < emp.hire\_date;

/\*6\*/

select department\_name, department\_id, employee\_id, first\_name, last\_name from departments

natural join employees

where employees.department\_id = departments.department\_id;