SQL Assignment

Problem A) 1)

select projects.Pid, projects.Pname

from projects left join Employee

on projects.Pid=Employee.Pid

where Employee.EID IS NULL;

2)

select \* from Employee

where Pid =

(Select Pid from Employee

where Ename='ABC');

3)

Select projects.Pname, Count(Employee.EID) as Cnt

From Employee Left join projects on Employee.Pid=projects.Pid

Group By projects.Pname;

4)

Select projects.Pid, projects.Pname

from projects join Employee

on projects.Pid=Employee.Pid

group by projects.Pid, projects.Pname, Employee.Ename

Having Count(Employee.EID)>=2;

5) Select Distinct Employee.Ename as list

-> From Employee

-> Union

-> Select Distinct Pname as list

-> from projects

-> order by list;

B)

1) Select \* from Products Join Categories

-> on Products.CategoryID=Categories.CategoryID

-> Where ProductName Like 'Ch%';

2) Select \* From Products

where Price>(Select

Sum(Unit\*Price)/(Select Sum(Unit) From Products)

From Products);

3) Select Products.ProductName From Products Join Categories

-> on Products.CategoryID=Categories.CategoryID

-> where Categories.CategoryName='Condiments';

4) Select Categories.CategoryName, Count(Unit) From

Products Join Categories on Products.CategoryID=Categories.CategoryID

Group By CategoryName;

5) CREATE INDEX unit\_index ON Products (Unit);

Select \* from products where Unit > 500;