**Filter**

DataTable dt = dtExp.Select("EMPLID = '3'").CopyToDataTable();

DataRow[] dr1 = dtExp.Select("EMPLID = '3'");

**Filter and then sort**

DataView dv = dtExp.Select("EMPLID = '3'").CopyToDataTable().DefaultView;

dv.Sort = "Total DESC";

DataTable dt2 = dv.ToTable();

**Count**

int Conteo = dtExp.Select("Emp=3").Length;

And then, after filtering and sorting

ddlList.DataSource = dt2;

ddlList.DisplayMember = "NameEmp";

ddlList.ValueMember = "EmpID";

**Join**

DataTable department = ds.Tables["Department"];

DataTable employee = ds.Tables["Employee"];

var query = from d in department.**AsEnumerable**()

join e in employee.**AsEnumerable**()

on d.Field<**int**>("DepartmentId") equals

e.Field<**int**>("DepartmentId")

select new {

EmployeeId = e.Field<**int**>("EmployeeId"),

Name = e.Field<**string**>("Name"),

DepartmentId = d.Field<**int**>("DepartmentId"),

DepartmentName = d.Field<**string**>("Name")

};

foreach (var q in query) {

Console.WriteLine("Employee Id = {0} , Name = {1} , Department Name = {2}",

q.EmployeeId, q.Name, q.DepartmentName);

}

var sums = from d in dc.Deliveries

where d.TripDate == DateTime.Now

Group by d.TripDate

Into TotalRate = sum(d.Rate),

TotalCharges = sum(d.Charges)

Select TotalRate ,

TotalCharges

List<ResultLine> result = Lines

.GroupBy(l => l.ProductCode)

.Select(cl => new ResultLine

{

ProductName = cl.First().Name,

Quantity = cl.Count().ToString(),

Price = cl.Sum(c => c.Price).ToString(),

}).ToList();

List<ResultLine> result = Lines

.GroupBy(l => l.ProductCode)

.Select(cl => new Models.ResultLine

{

ProductName = cl.select(x=>x.Name).FirstOrDefault(),

Quantity = cl.Count().ToString(),

Price = cl.Sum(c => c.Price).ToString(),

}).ToList()

var groups =

from e in employees

group e by e.GroupCode.ToUpper().Substring(0, 2) into g

having g.Count() > 1

select new { Location = g.Key, Total = g.Count() };

from e in employees

group e by e.GroupCode.ToUpper().Substring(0, 2) into g

where g.Count() > 1

select new { Location = g.Key, Total = g.Count(),

TotalSalary = g.Sum(x => x.Salary),

AverageSalary = g.Average(x => x.Salary),

CheapestEmployee = g.Min(x => x.Salary),

MostExpensiveEmployee = g.Max(x => x.Salary)

};