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

DataTable dt1 = dr1.CopyToDataTable();

DataView dv = dt1.DefaultView;

dv.Sort = "Total DESC";

DataTable dt2 = dv.ToTable();

|  |  |
| --- | --- |
| DataRow[] dr1 = dtExp.Select("EMPLID = '3'");  DataTable dt1 = dr1.CopyToDataTable();  DataView dv = dt1.DefaultView;  dv.Sort = "Total DESC";  DataTable dt2 = dv.ToTable(); | DataRow[] dr1 = dtExp.Select("EMPLID = '3'");  DataView dv = dr1.CopyToDataTable().DefaultView;  dv.Sort = "Total DESC";  DataTable dt2 = dv.ToTable(); |

DataView dv = dtExp.Select("EMPLID = '3' AND STATUS <> 'updated'").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";

|  |  |
| --- | --- |
| string where1 = "EMPLID = '" + EMPLID+"'";  DataRow[] result = dt2.Select(where1);    if (result.Length > 0)  ATTUID = result[0][0].ToString();  else  ATTUID = ""; | string where1 = "EMPLID = '" + EMPLID+"'";  DataTable result = dt2.Select(where1);    if (result != null)  ATTUID = result[0][0].ToString();  else  ATTUID = "";  DataView dvData = new DataView(result);  dvData.Sort = "city";  dt = DataView.ToTable();  dt = DataView.Table.Copy();"  dt = DataView.Table.Clone(); |

var filteredResult = studentList.Where(s => s.Age > 12 && s.Age < 20);

var students = studentList.Where(s => s.age >20).ToList<Student>();

Order by FieldY

List<Point> Sorted = lCoordinates.OrderBy(c => c.FieldY).ToList();

DataTable newTable = tableOne.AsEnumerable()  
                 .Where(i => i.Field<String>("**OrderID** ") != 'XXXX')                   
                .OrderByDescending(i => i.Field<DateTime>("**OrderTime**"))  
                .CopyToDataTable();

OR

DataView dvData = new DataView(tableOne);

dvData.Sort = "city";

GridView1.DataSource = dvData;

GridView1.DataBind();

**DataTable Where Sort**

DataView dv = new DataView(tableOne, "OrderID <> 'XXXX'", "city desc",

DataViewRowState.CurrentRows);

**DataTable Where Sort**  
DataTable newTable = new DataView(tableOne, "OrderID <> 'XXXX'", "city desc",

DataViewRowState.CurrentRows).ToTable();

DataTable NewResult = dtFilterData.AsEnumerable()  
               **.Where(i => i.Field<String>(Filter.Key) == Filter.Value)  
              // (Note: I want to append with the next Filter.Key and Filter.Value using &&)**                .OrderByDescending(i => i.Field<DateTime>("OrderDate"))  
                .CopyToDataTable();

**GROUP BY**

var lista = persons.GroupBy(x => x.PersonId).Select(x => x)

Show who is repeated

var lista = persons.GroupBy(x => x.PersonId).Where(x => x.Count() > 1).Any(x => x)

//Using Method Syntax

var GroupByMS = Student.GetStudents**()**.GroupBy**(**s =**>** s.Gender**)**

//First sorting the data based on key in Descending Order

.OrderByDescending**(**c =**>** c.Key**)**

.Select**(**std =**>** new

**{**

Key = std.Key,

//Sorting the data based on name in descending order

Students = std.OrderBy**(**x =**>** x.Name**)**

**})**;

//Using Query Syntax

var GroupByQS = **from** std in Student.GetStudents**()**

**group** std **by** std.Gender **into** stdGroup

**orderby** stdGroup.Key **descending**

**select** new

**{**

Key = stdGroup.Key,

Students = stdGroup.OrderBy**(**x =**>** x.Name**)**

**}**;

**foreach** **(**var **group** in GroupByQS**)**

**{**

Console.WriteLine**(group**.Key +" : " + **group**.Students.Count**())**;

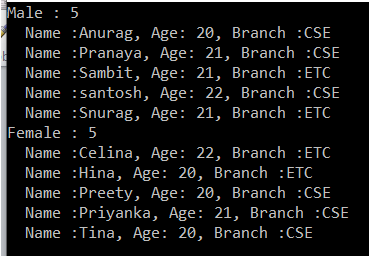
**foreach(**var student in **group**.Students**)**

**{**

Console.WriteLine**(**" Name :" + student.Name + ", Age: " + student.Age + ", Branch :" + student.Barnch**)**;

**}**

**}**

****

**Lookup**

Group employees by department.

var emp = objEmployee.ToLookup(x => x.Department);

foreach (var Key1 in emp)

{

Console.WriteLine(Key1.Key);

// Lookup employees by Department

foreach (var item in emp[Key1.Key])

{

Console.WriteLine("\t" + item.Name + "\t" + item.Department + "\t" +

item.Country);

}

}

