IList<string> strList1 = new List<string>() { "One", "Two", "Three", "Four"};

IList<string> strList2 = new List<string>() { "One", "Two","Five","Six"};

var innerJoin = strList1.Join(strList2,

str1 => str1,

str2 => str2,

(str1, str2) => str1);

public class Student{

public int StudentID { get; set; }

public string StudentName { get; set; }

public int StandardID { get; set; }

}

public class Standard{

public int StandardID { get; set; }

public string StandardName { get; set; }

}

IList<Student> studentList = new List<Student>() {

new Student() { StudentID = 1, StudentName = "John", StandardID =1 },

new Student() { StudentID = 2, StudentName = "Moin", StandardID =1 },

new Student() { StudentID = 3, StudentName = "Bill", StandardID =2 },

new Student() { StudentID = 4, StudentName = "Ram" , StandardID =2 },

new Student() { StudentID = 5, StudentName = "Ron" }

};

IList<Standard> standardList = new List<Standard>() {

new Standard(){ StandardID = 1, StandardName="Standard 1"},

new Standard(){ StandardID = 2, StandardName="Standard 2"},

new Standard(){ StandardID = 3, StandardName="Standard 3"}

};

var innerJoin = studentList.Join(// outer sequence

standardList, // inner sequence

student => student.StandardID, // outerKeySelector

standard => standard.StandardID, // innerKeySelector

(student, standard) => new // result selector

{

StudentName = student.StudentName,

StandardName = standard.StandardName

});

var innerJoin = from s in studentList // outer sequence

join st in standardList //inner sequence

on s.StandardID equals st.StandardID // key selector

select new {

StudentName = s.StudentName,

StandardName = st.StandardName

};

**GROUP JOIN, UN GRUPO DENTRO DE OTRO GRUPO**

var groupJoin = standardList.GroupJoin(studentList, //inner sequence

std => std.StandardID, //outerKeySelector

s => s.StandardID, //innerKeySelector

(std, studentsGroup) => new // resultSelector

{

Students = studentsGroup,

StandarFulldName = std.StandardName

});

foreach (var item in groupJoin)

{

Console.WriteLine(item.StandarFulldName );

foreach(var stud in item.Students)

Console.WriteLine(stud.StudentName);

}