```csharp
using System;

using System.Collections.Generic;

using System.Linq;


class Employee

{

    public int EmployeeID { get; set; }

    public string FirstName { get; set; }

    public string LastName { get; set; }

    public string Title { get; set; }

    public DateTime DOB { get; set; }

    public DateTime DOJ { get; set; }

    public string City { get; set; }

}


class Program

{

    static void Main()

    {


        List<Employee> empList = new List<Employee>

        {

            new Employee { EmployeeID = 1001, FirstName = "Malcolm", LastName = "Daruwalla",
Title = "Manager", DOB = DateTime.Parse("1984-11-16"), DOJ = DateTime.Parse("2011-06-08"),
City = "Mumbai" },

            new Employee { EmployeeID = 1002, FirstName = "Asdin", LastName = "Dhalla", Title =
"AsstManager", DOB = DateTime.Parse("1984-08-20"), DOJ = DateTime.Parse("2012-07-07"), City
= "Mumbai" },

            new Employee { EmployeeID = 1003, FirstName = "Madhavi", LastName = "Oza", Title =
"Consultant", DOB = DateTime.Parse("1987-11-14"), DOJ = DateTime.Parse("2015-04-12"), City =
"Pune" },

            new Employee { EmployeeID = 1004, FirstName = "Saba", LastName = "Shaikh", Title =
"SE", DOB = DateTime.Parse("1990-06-03"), DOJ = DateTime.Parse("2016-02-02"), City = "Pune"
},
```

```csharp
        new Employee { EmployeeID = 1005, FirstName = "Nazia", LastName = "Shaikh", Title =
"SE", DOB = DateTime.Parse("1991-03-08"), DOJ = DateTime.Parse("2016-02-02"), City =
"Mumbai" },

        new Employee { EmployeeID = 1006, FirstName = "Amit", LastName = "Pathak", Title =
"Consultant", DOB = DateTime.Parse("1989-11-07"), DOJ = DateTime.Parse("2014-08-08"), City =
"Chennai" },

        new Employee { EmployeeID = 1007, FirstName = "Vijay", LastName = "Natrajan", Title =
"Consultant", DOB = DateTime.Parse("1989-12-02"), DOJ = DateTime.Parse("2015-06-01"), City =
"Mumbai" },

        new Employee { EmployeeID = 1008, FirstName = "Rahul", LastName = "Dubey", Title =
"Associate", DOB = DateTime.Parse("1993-11-11"), DOJ = DateTime.Parse("2014-11-06"), City =
"Chennai" },

        new Employee { EmployeeID = 1009, FirstName = "Suresh", LastName = "Mistry", Title =
"Associate", DOB = DateTime.Parse("1992-08-12"), DOJ = DateTime.Parse("2014-12-03"), City =
"Chennai" },

        new Employee { EmployeeID = 1010, FirstName = "Sumit", LastName = "Shah", Title =
"Manager", DOB = DateTime.Parse("1991-04-12"), DOJ = DateTime.Parse("2016-01-02"), City =
"Pune" }

    };


    Console.WriteLine("All Employees:");

    foreach (var emp in empList)

    {

        Console.WriteLine($"{emp.EmployeeID}, {emp.FirstName} {emp.LastName}, {emp.Title},
{emp.DOB.ToShortDateString()}, {emp.DOJ.ToShortDateString()}, {emp.City}");

    }


    Console.WriteLine("\nEmployees not from Mumbai:");

    var notMumbai = empList.Where(e => e.City != "Mumbai");

    foreach (var emp in notMumbai)

    {

        Console.WriteLine($"{emp.EmployeeID}, {emp.FirstName} {emp.LastName}, {emp.City}");

    }


    Console.WriteLine("\nEmployees with title AsstManager:");

    var asstManagers = empList.Where(e => e.Title == "AsstManager");
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        foreach (var emp in asstManagers)

        {

            Console.WriteLine($"{emp.EmployeeID}, {emp.FirstName} {emp.LastName}, {emp.Title}");

        }


        Console.WriteLine("\nEmployees whose last name starts with S:");

        var lastNameS = empList.Where(e => e.LastName.StartsWith("S"));

        foreach (var emp in lastNameS)

        {

            Console.WriteLine($"{emp.EmployeeID}, {emp.FirstName} {emp.LastName}");

        }



        Console.WriteLine("\nEmployees who joined before 01/01/2015:");

        var joinedBefore2015 = empList.Where(e => e.DOJ < DateTime.Parse("2015-01-01"));

        foreach (var emp in joinedBefore2015)

        {

            Console.WriteLine($"{emp.EmployeeID}, {emp.FirstName} {emp.LastName}, {emp.DOJ.ToShortDateString()}");

        }


        Console.WriteLine("\nEmployees born after 01/01/1990:");

        var bornAfter1990 = empList.Where(e => e.DOB > DateTime.Parse("1990-01-01"));

        foreach (var emp in bornAfter1990)

        {

            Console.WriteLine($"{emp.EmployeeID}, {emp.FirstName} {emp.LastName}, {emp.DOB.ToShortDateString()}");

        }


        Console.WriteLine("\nEmployees who are Consultant or Associate:");

        var consultantsOrAssociates = empList.Where(e => e.Title == "Consultant" || e.Title == "Associate");
```

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        foreach (var emp in consultantsOrAssociates)

        {

            Console.WriteLine($"{emp.EmployeeID}, {emp.FirstName} {emp.LastName}, {emp.Title}");

        }


        Console.WriteLine($"\nTotal number of employees: {empList.Count}");


        Console.WriteLine($"Total number of employees in Chennai: {empList.Count(e => e.City ==
"Chennai")}");


        Console.WriteLine($"Highest Employee ID: {empList.Max(e => e.EmployeeID)}");


        Console.WriteLine($"\nTotal number of employees joined after 01/01/2015:
{empList.Count(e => e.DOJ > DateTime.Parse("2015-01-01"))}");


        Console.WriteLine($"Total number of employees not Associate: {empList.Count(e => e.Title
!= "Associate")}");


        Console.WriteLine("\nTotal number of employees by city:");
        var empByCity = empList.GroupBy(e => e.City).Select(group => new { City = group.Key,
Count = group.Count() });
        foreach (var group in empByCity)

        {

            Console.WriteLine($"{group.City}: {group.Count}");

        }


        Console.WriteLine("\nTotal number of employees by city and title:");
        var empByCityAndTitle = empList.GroupBy(e => new { e.City, e.Title }).Select(group => new {
group.Key.City, group.Key.Title, Count = group.Count() });
        foreach (var group in empByCityAndTitle)

        {
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            Console.WriteLine($"{group.City} - {group.Title}: {group.Count}");

        }


        Console.WriteLine("\nYoungest Employee:");

        var youngest = empList.OrderByDescending(e => e.DOB).First();

        Console.WriteLine($"{youngest.EmployeeID}, {youngest.FirstName} {youngest.LastName}, {youngest.DOB.ToShortDateString()}");

    }
}
```