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Technology: DotNet

Location: Pune

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Github

Link: [https://github.com/Rohanone21/Rohan\\_Phadtare\\_DotnetAssignment7\\_LINQFiltering](https://github.com/Rohanone21/Rohan_Phadtare_DotnetAssignment7_LINQFiltering)

## Code Output:

```
===== LINQ Query Examples =====
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```
1. Employees whose Salary > 60000:
   Steve - $70000
   Anna - $80000
   Mike - $65000

2. Employee Names and Salaries (Anonymous Type):
   Name: John, Salary: $60000
   Name: Sarah, Salary: $50000
   Name: Steve, Salary: $70000
   Name: Anna, Salary: $80000
   Name: Mike, Salary: $65000
   Name: John, Salary: $60000

3A. Employees Sorted by Name (Ascending):
   Anna - $80000
   John - $60000
   John - $60000
   Mike - $65000
   Sarah - $50000
   Steve - $70000

3B. Employees Sorted by Salary (Descending):
   Anna - $80000
   Steve - $70000
   Mike - $65000
   John - $60000
   John - $60000
   Sarah - $50000

4. Employees Grouped by Department ID:
   Department ID: 1
   - John
   - Steve
```

```
4. Employees Grouped by Department ID:
   Department ID: 1
   - John
   - Steve
   - John
   Department ID: 2
   - Sarah
   Department ID: 3
   - Anna
   - Mike

5A. Inner Join - Employees with Department Names:
   John - IT
   Sarah - HR
   Steve - IT
   Anna - Finance
   Mike - Finance
   John - IT

5B. Group Join - Departments with Their Employees:
   IT Department:
   - John
   - Steve
   - John
   HR Department:
   - Sarah
   Finance Department:
   - Anna
   - Mike

6. Distinct Employee Names:
   John
   Sarah
   Steve
   Anna
```

```
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Mike - Finance
John - IT

5B. Group Join - Departments with Their Employees:
IT Department:
    - John
    - Steve
    - John
HR Department:
    - Sarah
Finance Department:
    - Anna
    - Mike

6. Distinct Employee Names:
John
Sarah
Steve
Anna
Mike

7. Pagination - 2nd Page (2 Employees per page):
Steve - $70000 - Dept ID: 1
Anna - $80000 - Dept ID: 3

C:\Users\Rohan.Phadtare\source\repos\Rohan_Phadtare_DotnetAssignment7_LINQFiltering\Rohan_Phadtare_DotnetAssignment7_LINQFiltering\bin\Debug\Rohan_Phadtare_DotnetAssignment7_LINQFiltering.exe (process 29500) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```