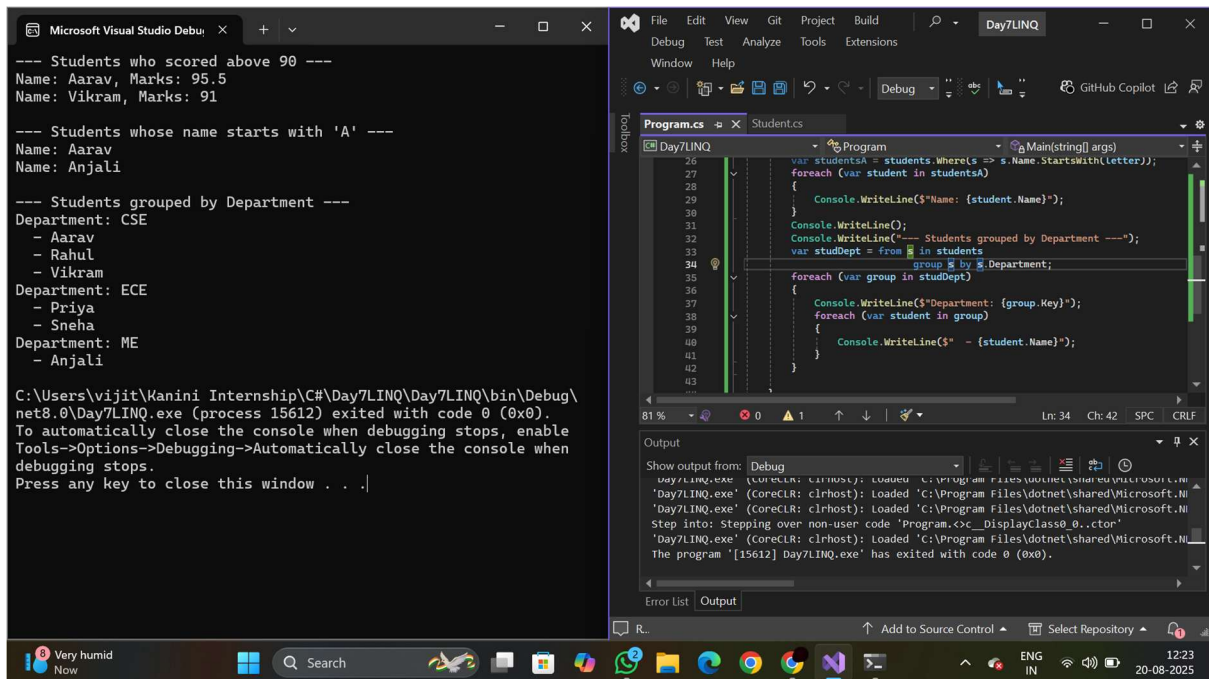


LINQ Assignment

Snapshots:

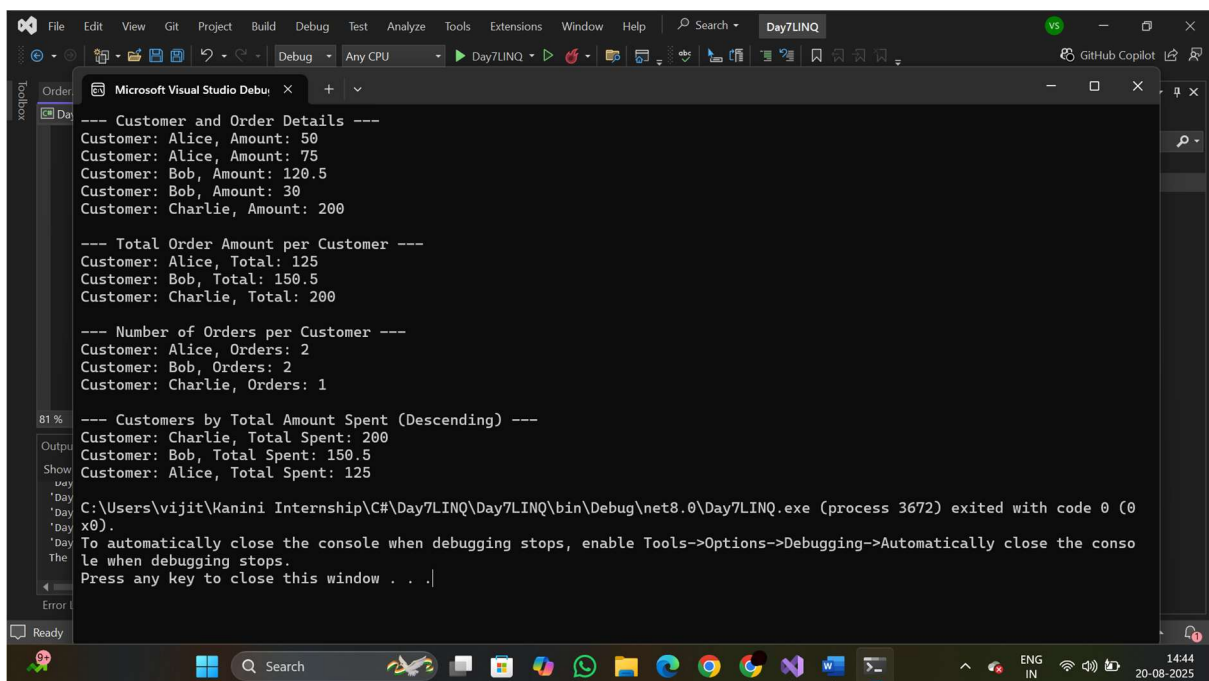


The screenshot shows the Visual Studio IDE with a C# project named 'Day7LINQ'. The console window displays the output of a LINQ query, and the code editor shows the C# code that generated this output.

```
--- Students who scored above 90 ---  
Name: Aarav, Marks: 95.5  
Name: Vikram, Marks: 91  
  
--- Students whose name starts with 'A' ---  
Name: Aarav  
Name: Anjali  
  
--- Students grouped by Department ---  
Department: CSE  
- Aarav  
- Rahul  
- Vikram  
Department: ECE  
- Priya  
- Sneha  
Department: ME  
- Anjali  
  
C:\Users\vijit\Kanini Internship\C#\Day7LINQ\Day7LINQ\bin\Debug\net8.0\Day7LINQ.exe (process 15612) 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 . . .
```

```
var studentsA = students.Where(s => s.Name.StartsWith(letter));  
foreach (var student in studentsA)  
{  
    Console.WriteLine($"Name: {student.Name}");  
}  
Console.WriteLine();  
Console.WriteLine($"--- Students grouped by Department ---");  
var studDept = from s in students  
               group s by s.Department;  
foreach (var group in studDept)  
{  
    Console.WriteLine($"Department: {group.Key}");  
    foreach (var student in group)  
    {  
        Console.WriteLine($" - {student.Name}");  
    }  
}
```

The Output window shows the execution details, including the loading of the program and the exit code 0.



The screenshot shows the Visual Studio IDE with the 'Day7LINQ' project. The console window displays the output of a LINQ query, and the code editor shows the C# code that generated this output.

```
--- Customer and Order Details ---  
Customer: Alice, Amount: 50  
Customer: Alice, Amount: 75  
Customer: Bob, Amount: 120.5  
Customer: Bob, Amount: 30  
Customer: Charlie, Amount: 200  
  
--- Total Order Amount per Customer ---  
Customer: Alice, Total: 125  
Customer: Bob, Total: 150.5  
Customer: Charlie, Total: 200  
  
--- Number of Orders per Customer ---  
Customer: Alice, Orders: 2  
Customer: Bob, Orders: 2  
Customer: Charlie, Orders: 1  
  
--- Customers by Total Amount Spent (Descending) ---  
Customer: Charlie, Total Spent: 200  
Customer: Bob, Total Spent: 150.5  
Customer: Alice, Total Spent: 125  
  
C:\Users\vijit\Kanini Internship\C#\Day7LINQ\Day7LINQ\bin\Debug\net8.0\Day7LINQ.exe (process 3672) 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 . . .
```

```
File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search Day7LINQ
Microsoft Visual Studio Debu X +
Toolbox
Movie.cs
Day7LINQ
172 Actor: Joseph Gordon-Levitt, Movie: Inception
173 Actor: Al Pacino, Movie: The Godfather
174 Actor: Marlon Brando, Movie: The Godfather
175 Actor: Matthew McConaughey, Movie: Interstellar
176
177 --- Actor Count per Movie ---
178 Movie: Inception, Actors: 2
Movie: The Godfather, Actors: 2
Movie: Interstellar, Actors: 1
--- Actors Grouped by Movie ---
Movie: Inception
- Leonardo DiCaprio
- Joseph Gordon-Levitt
Movie: The Godfather
- Al Pacino
- Marlon Brando
Movie: Interstellar
- Matthew McConaughey
81 %
Output
Show output of all
'Day7LINQ
'Day7LINQ
'Day7LINQ
The pro
C:\Users\vijit\Kanini Internship\C#\Day7LINQ\Day7LINQ\bin\Debug\net8.0\Day7LINQ.exe (process 21832) 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 . . .|
Error List
Ready
Add to Source Control Select Repository
14:50
20-08-2025
```