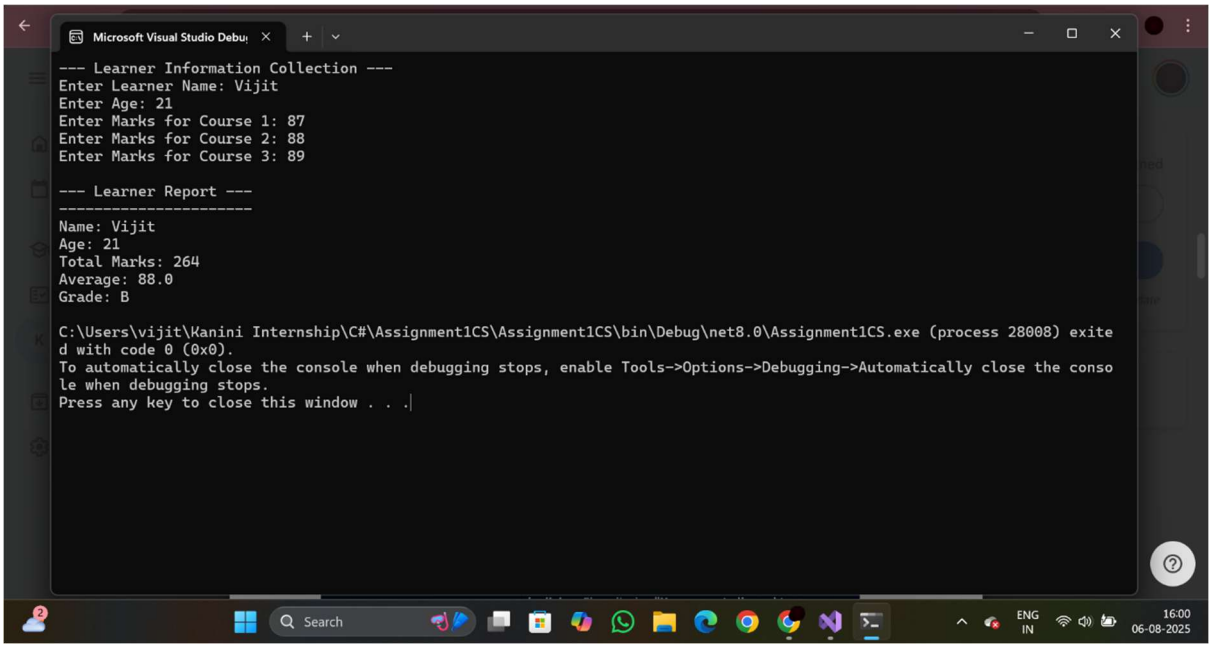
Assignment 1

C# Programming

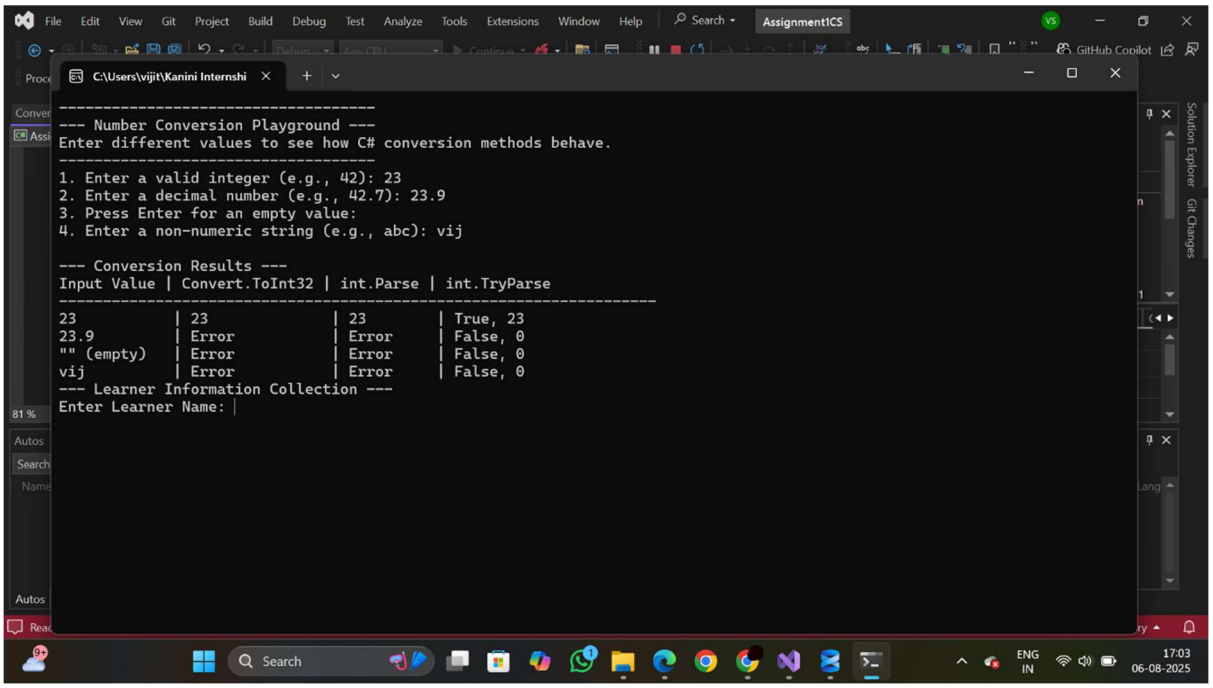
Vijit

Snapshots :

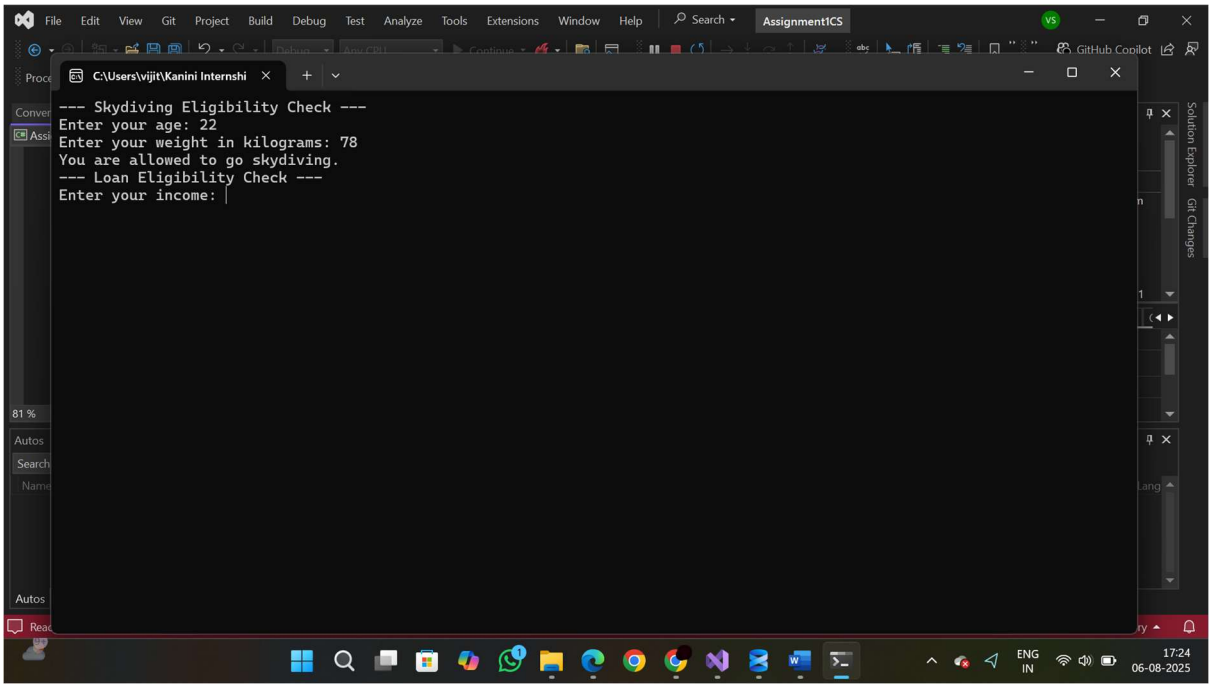
1.) Student Report

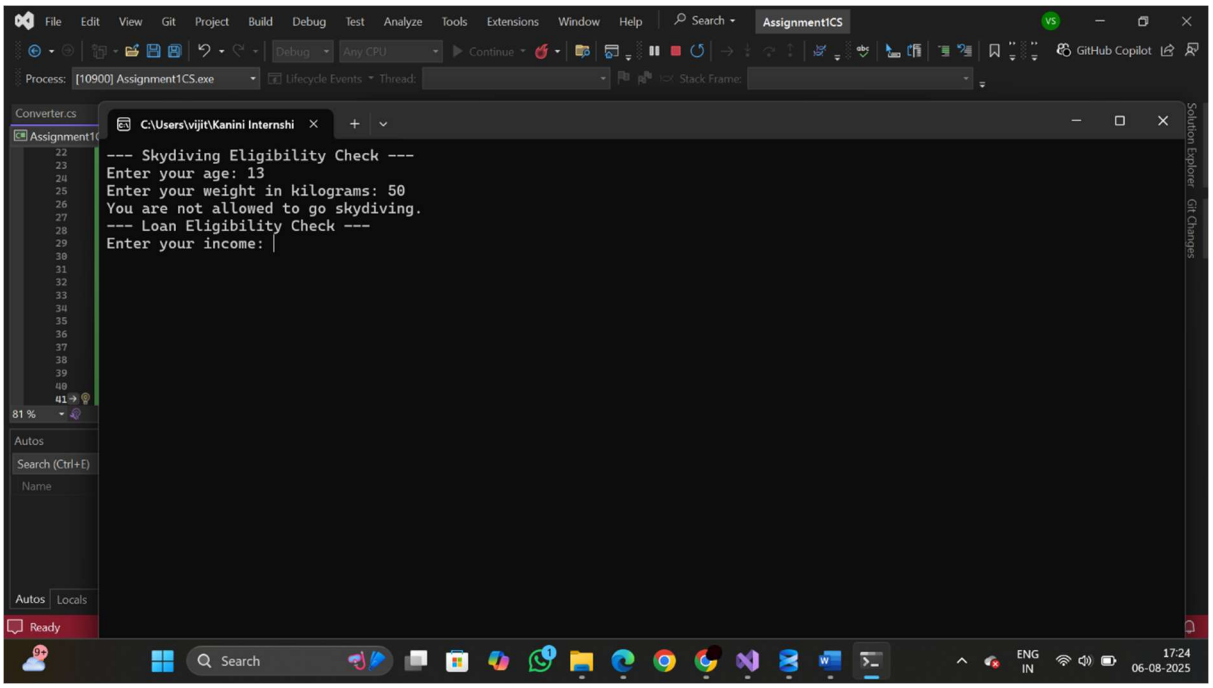


2.) Converter types

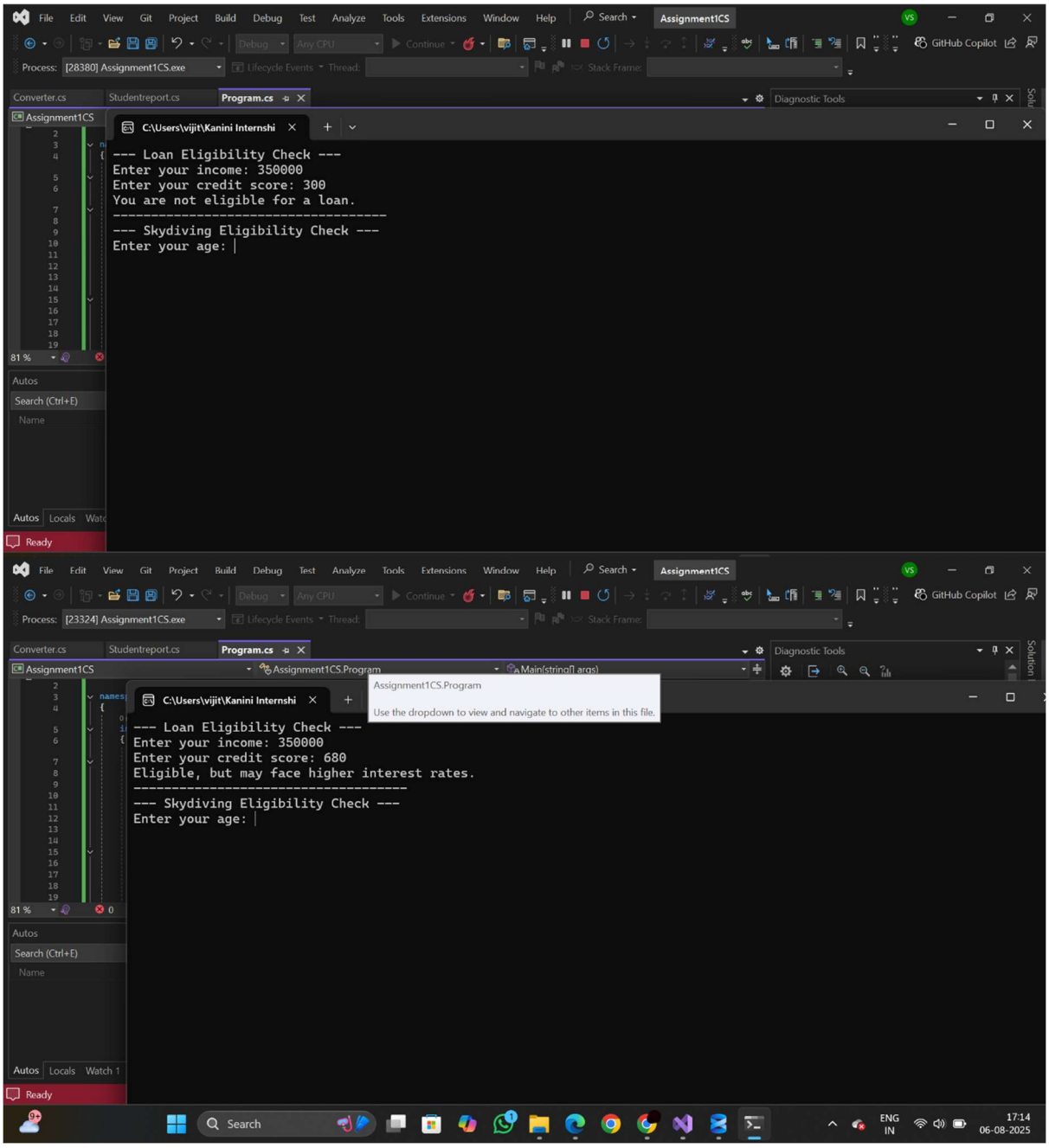


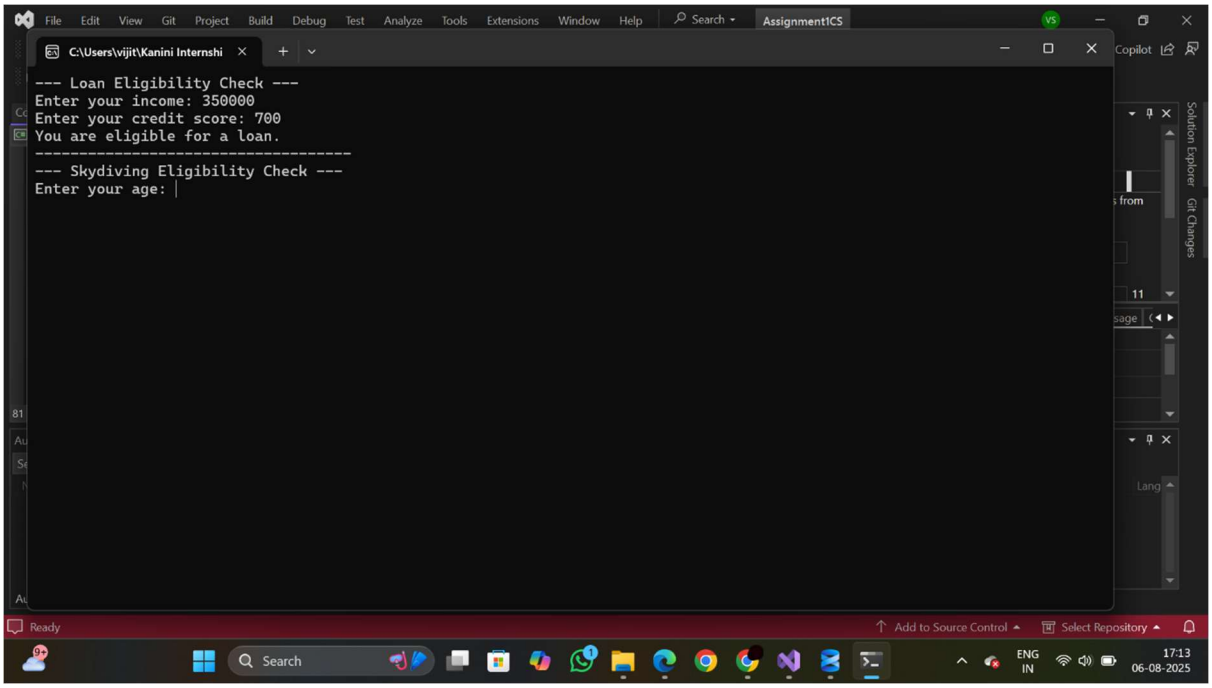
3.) Skydiving Eligibility Check



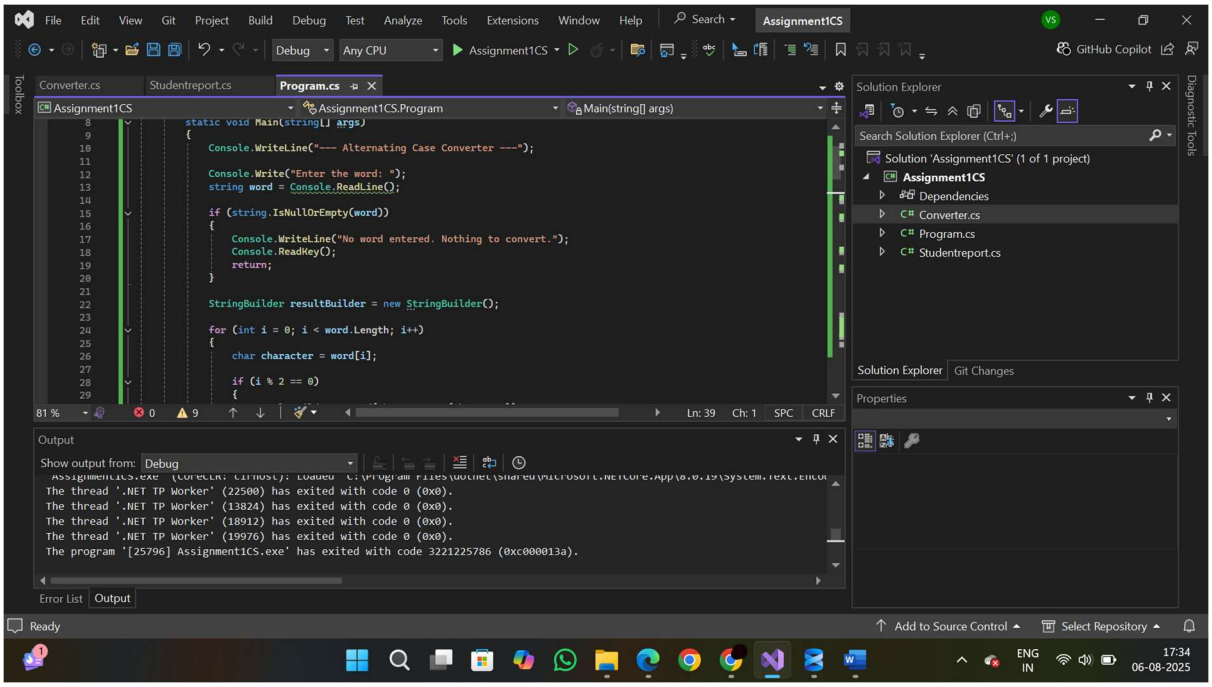


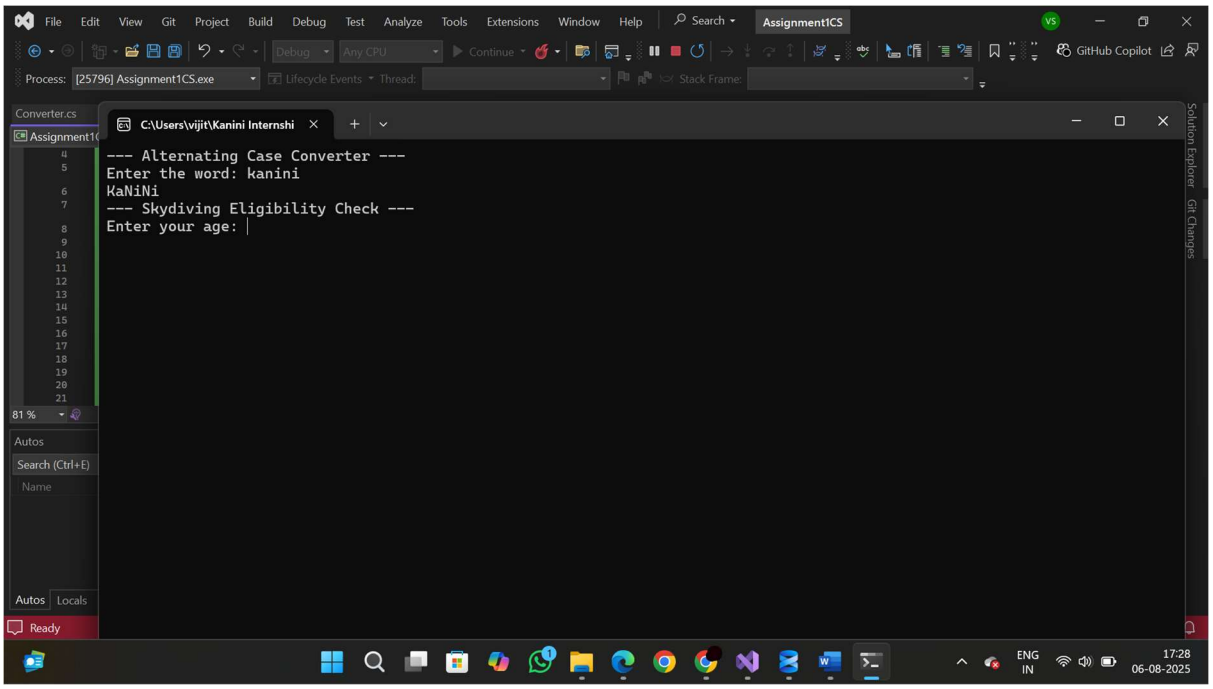
4.) Loan Eligibility Check



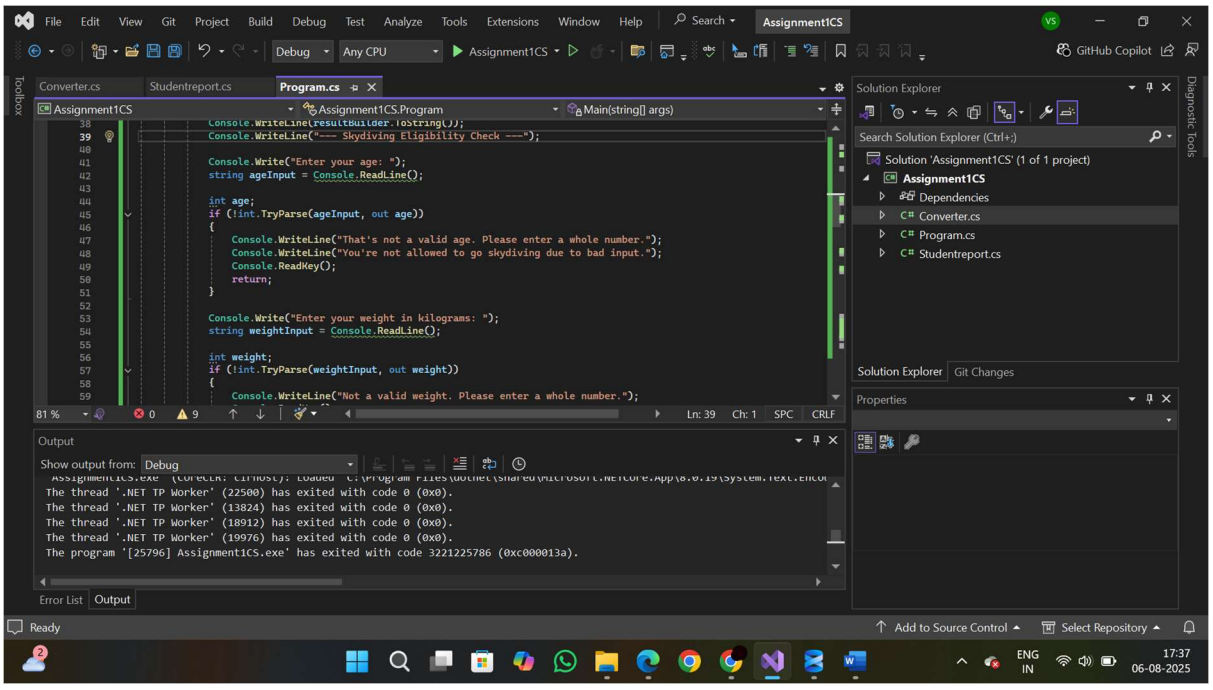


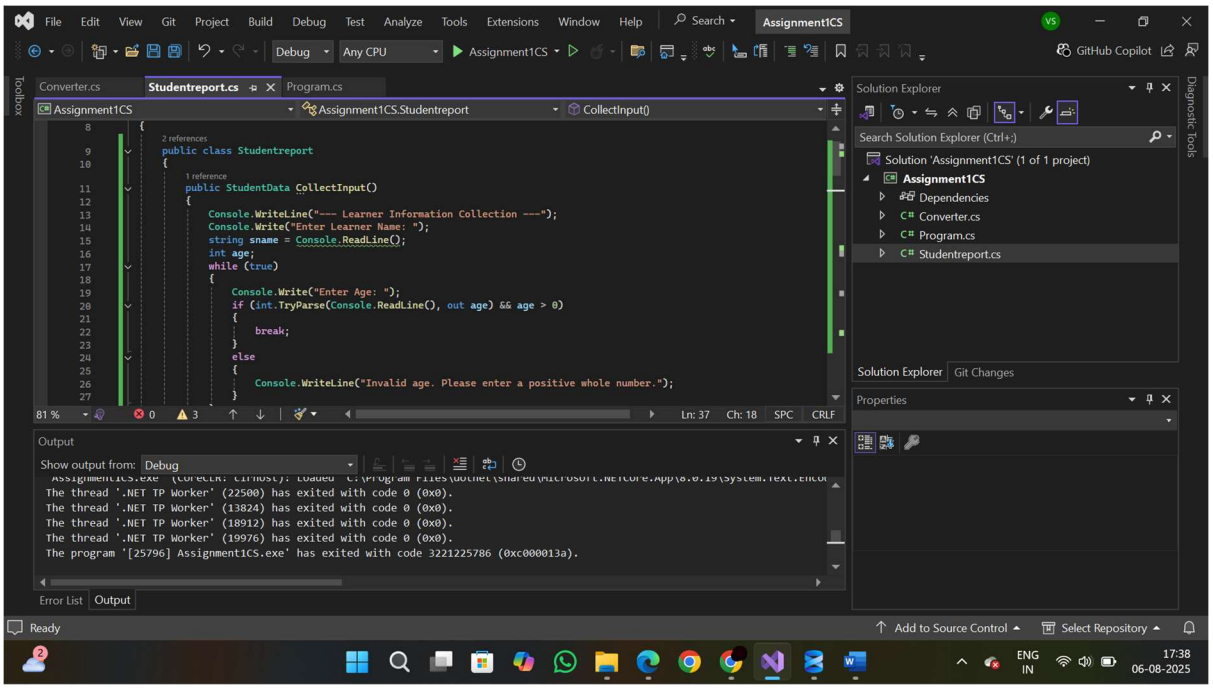
5. Uppercase to Lowercase

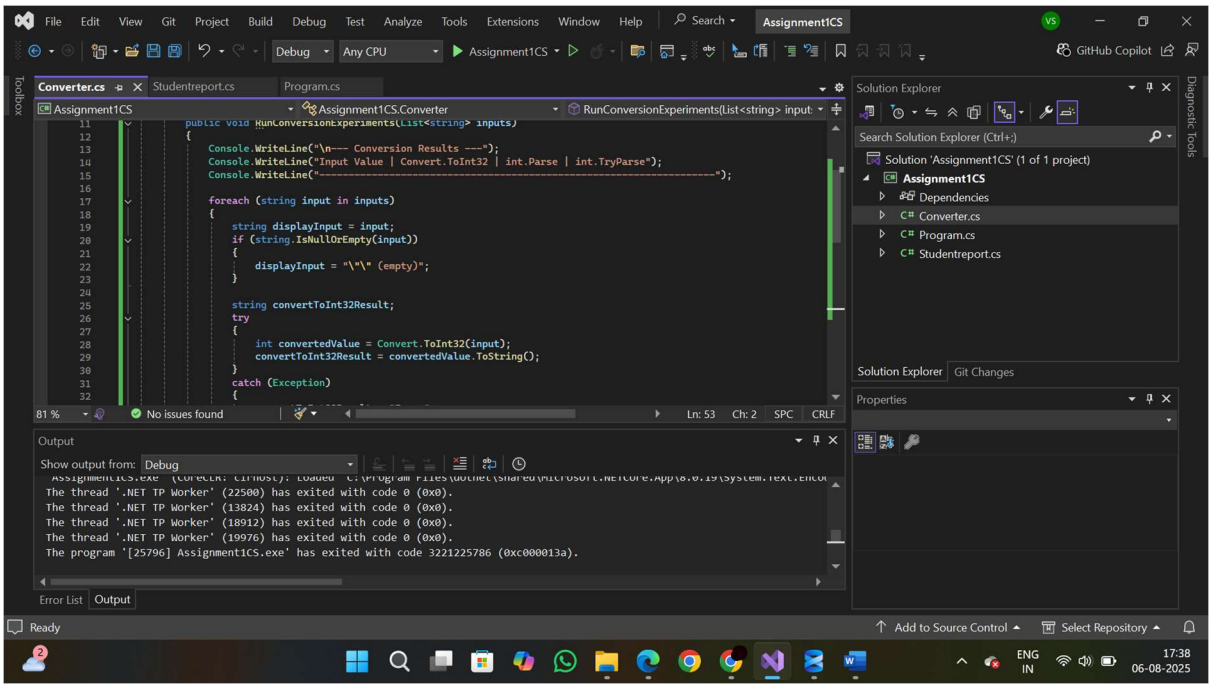




CODE Snapshots :




File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help
Search
Assignment1CS
Debug
Any CPU
Assignment1CS
GitHub Copilot
Converter.cs
Studentreport.cs
Program.cs
Assignment1CS
Assignment1CS.Studentreport
CollectInput()
2 references
public class Studentreport
{
1 reference
public StudentData CollectInput()
{
Console.WriteLine("--- Learner Information Collection ---");
Console.Write("Enter Learner Name: ");
string sname = Console.ReadLine();
int age;
while (true)
{
Console.Write("Enter Age: ");
if (int.TryParse(Console.ReadLine(), out age) && age > 0)
{
break;
}
else
{
Console.WriteLine("Invalid age. Please enter a positive whole number.");
}
81 %
0
3
Ln: 37
Ch: 18
SPC
CRLF
Output
Show output from: Debug
The thread '.NET TP Worker' (22500) has exited with code 0 (0x0).
The thread '.NET TP Worker' (13824) has exited with code 0 (0x0).
The thread '.NET TP Worker' (18912) has exited with code 0 (0x0).
The thread '.NET TP Worker' (19976) has exited with code 0 (0x0).
The program '[25796] Assignment1CS.exe' has exited with code 3221225786 (0xc000013a).
Error List
Output
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'Assignment1CS' (1 of 1 project)
Assignment1CS
Dependencies
Converter.cs
Program.cs
Studentreport.cs
Solution Explorer
Git Changes
Properties
Diagnostic Tools
Toolbox
Ready
Add to Source Control
Select Repository
ENG
IN
17:38
06-08-2025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Search
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Debug
Any CPU
Assignment1CS
GitHub Copilot
Converter.cs
Studentreport.cs
Program.cs
Assignment1CS
Assignment1CS.Converter
RunConversionExperiments(List<string> input
public void RunConversionExperiments(List<string> inputs)
{
Console.WriteLine("\n--- Conversion Results ---");
Console.WriteLine("Input Value | Convert.ToInt32 | int.Parse | int.TryParse");
Console.WriteLine("----------");
foreach (string input in inputs)
{
string displayInput = input;
if (string.IsNullOrEmpty(input))
{
displayInput = "\"\" (empty)";
}
string convertToInt32Result;
try
{
int convertedValue = Convert.ToInt32(input);
convertToInt32Result = convertedValue.ToString();
}
catch (Exception)
{
81 %
No issues found
Ln: 53
Ch: 2
SPC
CRLF
Output
Show output from: Debug
The thread '.NET TP Worker' (22500) has exited with code 0 (0x0).
The thread '.NET TP Worker' (13824) has exited with code 0 (0x0).
The thread '.NET TP Worker' (18912) has exited with code 0 (0x0).
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Select Repository
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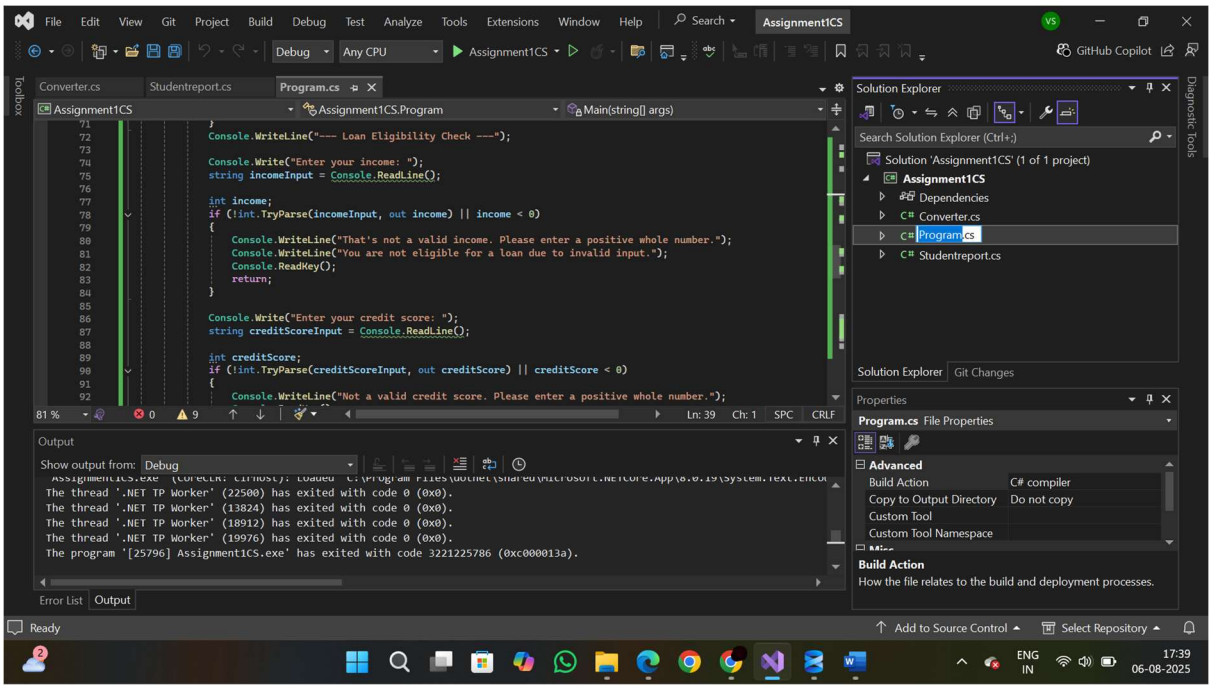
IN
17:38
06-08-2025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Debug
Any CPU
Assignment1CS
GitHub Copilot
Converter.cs
Studentreport.cs
Program.cs
Assignment1CS
Assignment1CS.Program
Main(string[] args)
Console.WriteLine("--- Loan Eligibility Check ---");
Console.Write("Enter your income: ");
string incomeInput = Console.ReadLine();
int income;
if (!int.TryParse(incomeInput, out income) || income < 0)
{
Console.WriteLine("That's not a valid income. Please enter a positive whole number.");
Console.WriteLine("You are not eligible for a loan due to invalid input.");
Console.ReadKey();
return;
}
Console.Write("Enter your credit score: ");
string creditScoreInput = Console.ReadLine();
int creditScore;
if (!int.TryParse(creditScoreInput, out creditScore) || creditScore < 0)
{
Console.WriteLine("Not a valid credit score. Please enter a positive whole number.");
81 %
0
9
Ln: 39
Ch: 1
SPC
CRLF
Output
Show output from: Debug
The thread '.NET TP Worker' (22500) has exited with code 0 (0x0).
The thread '.NET TP Worker' (13824) has exited with code 0 (0x0).
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Solution Explorer
Git Changes
Properties
Program.cs File Properties
Advanced
Build Action
C# compiler
Copy to Output Directory
Do not copy
Custom Tool
Custom Tool Namespace
Build Action
How the file relates to the build and deployment processes.
Ready
Add to Source Control
Select Repository
ENG
IN
17:39
06-08-2025