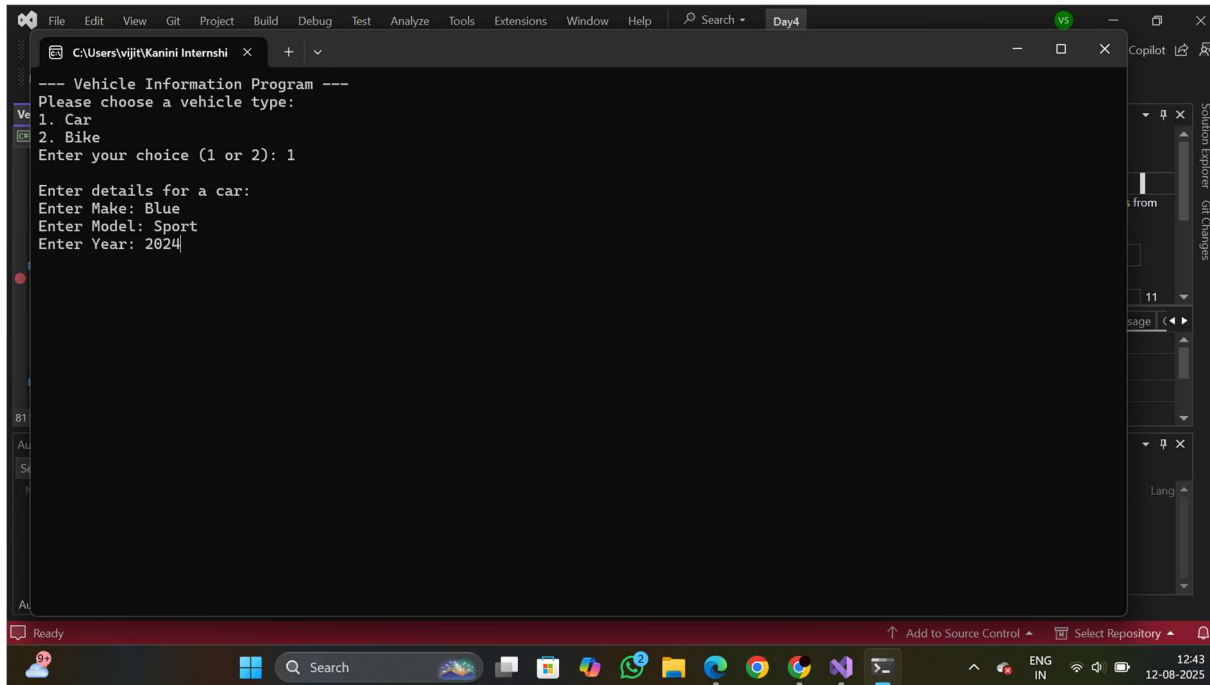


Assignment 4

C#

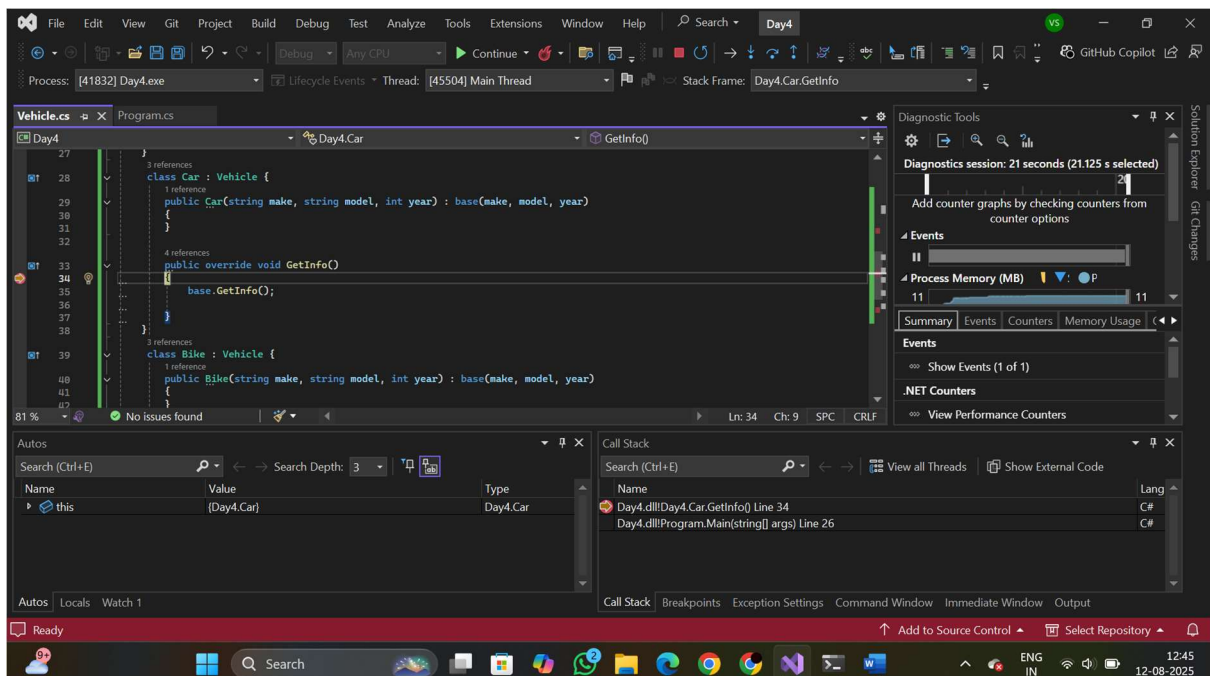
Snapshots :

Q1) Vehicle, Car and Bike classes



```
--- Vehicle Information Program ---
Please choose a vehicle type:
1. Car
2. Bike
Enter your choice (1 or 2): 1

Enter details for a car:
Enter Make: Blue
Enter Model: Sport
Enter Year: 2024
```



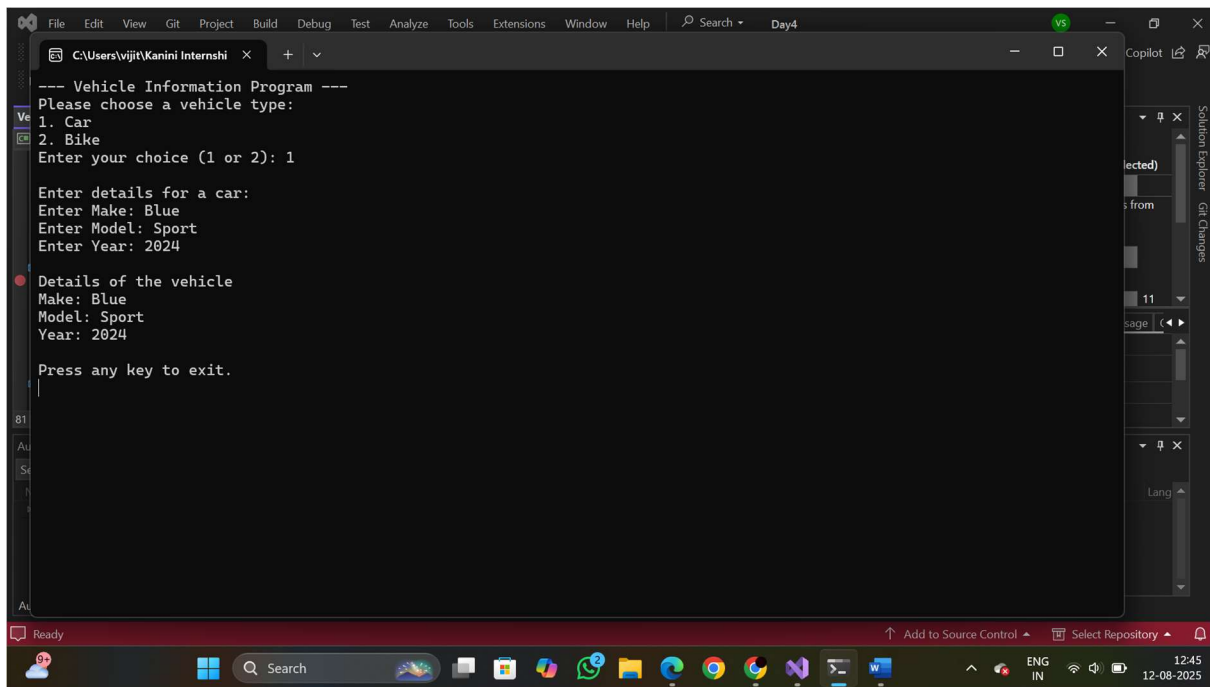
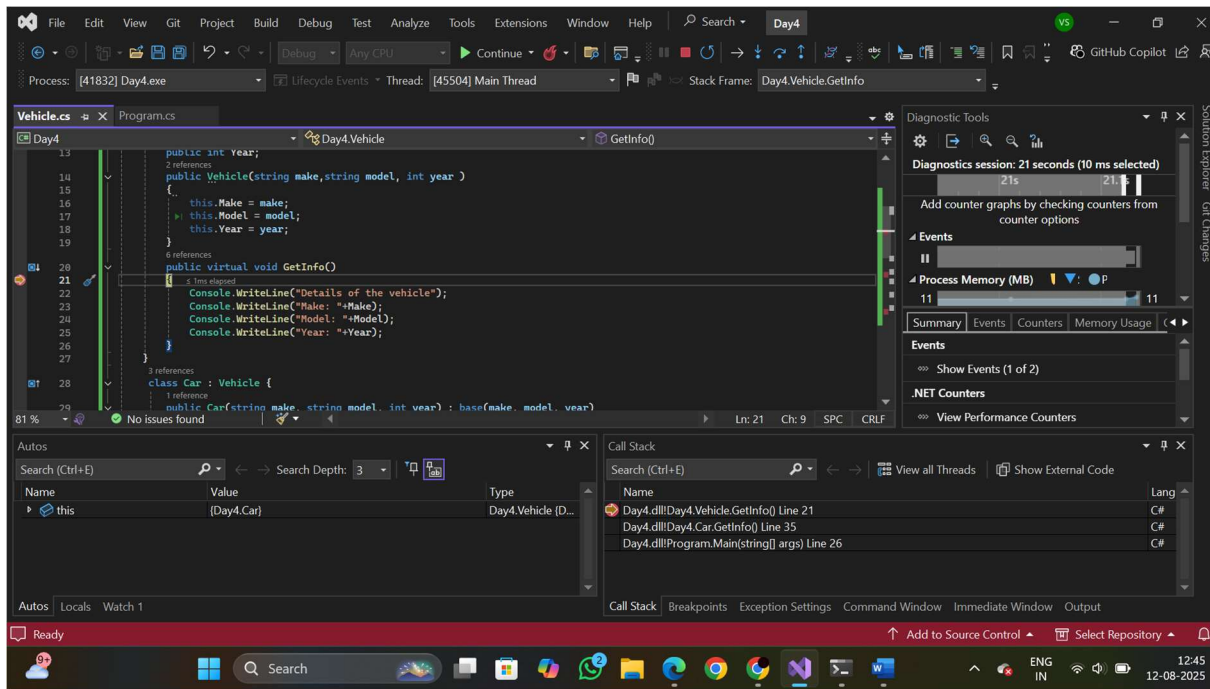
```
Vehicle.cs
27
28 class Car : Vehicle {
29     public Car(string make, string model, int year) : base(make, model, year)
30     {
31     }
32 }
33
34 public override void GetInfo()
35 {
36     base.GetInfo();
37 }
38
39 class Bike : Vehicle {
40     public Bike(string make, string model, int year) : base(make, model, year)
41     {
42     }
43 }
```

Call Stack

Name	Lang
Day4.dll Day4.Car.GetInfo() Line 34	C#
Day4.dll Program.Main(string[] args) Line 26	C#

Autos

Name	Value	Type
this	(Day4.Car)	Day4.Car



Q2) Student Information Display

```
File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search Day4
Debug Any CPU Day4
Student.cs Vehicle.cs Program.cs Solution Explorer
Microsoft Visual Studio Debug Console
Student information
Enter details for the student:
Enter Student Name: Vijit
Enter Age: 21
Enter Year: 2023
Details of the Student
Name: Vijit
Age: 2023
Grade: 21
C:\Users\vijit\Kanini Internship\C#\Day4\Day4\bin\Debug\net8.0\Day4.exe (process 52000) 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 . . .
Output
Show output of Day4.exe
Day4.exe
Day4.exe
Day4.exe
Day4.exe
The program
Error List
Ready
```

Q4) Account Details

```
File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search Day4
Debug Any CPU Day4
Process: [11252] Day4.exe Lifecycle Events Thread: Stack Frame:
Account.cs Product.cs Student.cs Vehicle.cs Program.cs Diagnostic Tools
C:\Users\vijit\Kanini Internshi
Day4
6
7
8 --- Account Management System ---
9 1. Deposit
10 2. Withdraw
11 3. Check Balance
12 4. Exit
13 -----
14
15 Enter your choice: 1
16 Enter amount to deposit: 1000
17 1000 credited to 1234567890
18
19 Press any key to continue...
20
21
22
Autos
Search (Ctrl+E)
Name
Autos Locals Watch
Ready
```

```
File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search Day4
Process: [11252] Day4.exe Lifecycle Events Thread: Stack Frame:
Account.cs Product.cs Student.cs Vehicle.cs Program.cs Diagnostic Tools
Day4
C:\Users\vijit\Kanini Internshi
--- Account Management System ---
1. Deposit
2. Withdraw
3. Check Balance
4. Exit
-----
Enter your choice: 2
Enter amount to withdraw: 200
200 withdrawn from 1234567890
Press any key to continue...
```

```
File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search Day4
Process: [33332] Day4.exe Lifecycle Events Thread: Stack Frame:
Account.cs
Day4
C:\Users\vijit\Kanini Internshi
--- Account Management System ---
1. Deposit
2. Withdraw
3. Check Balance
4. Exit
-----
Enter your choice: 3
Account Number : 1234567890
Owner Name : Vijit Shetty
Balance : 1000.00
-----
Press any key to continue...
```

Q5) Product inventory

