Activity 15

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CST-150

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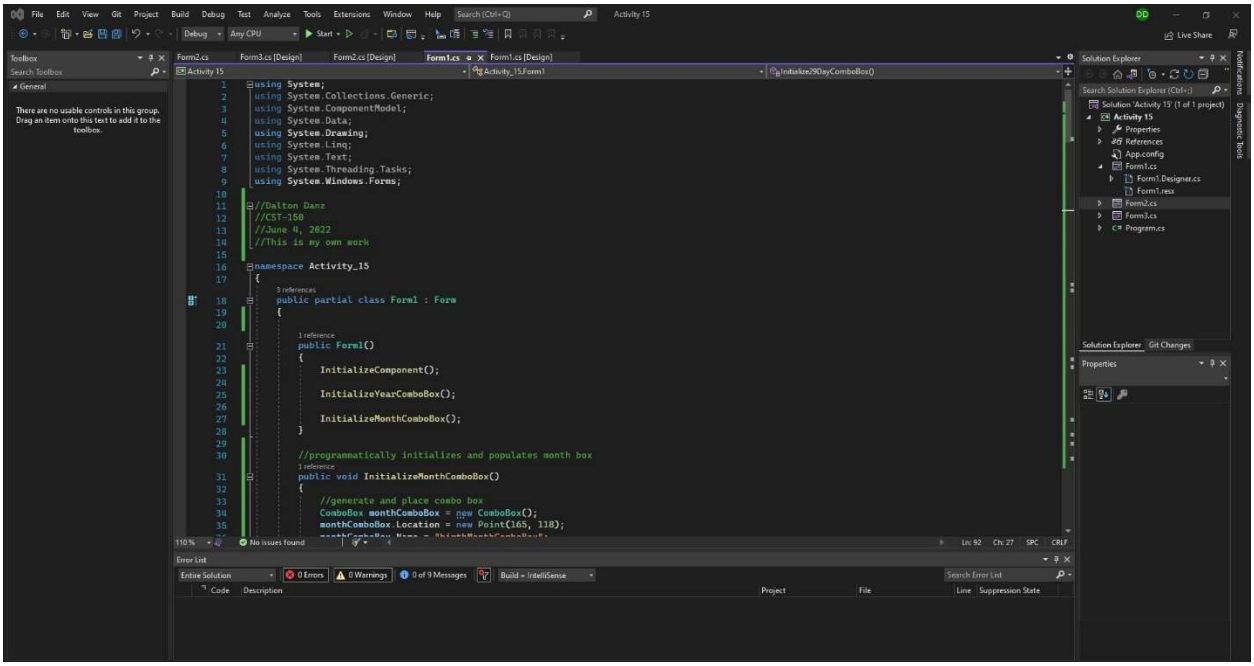
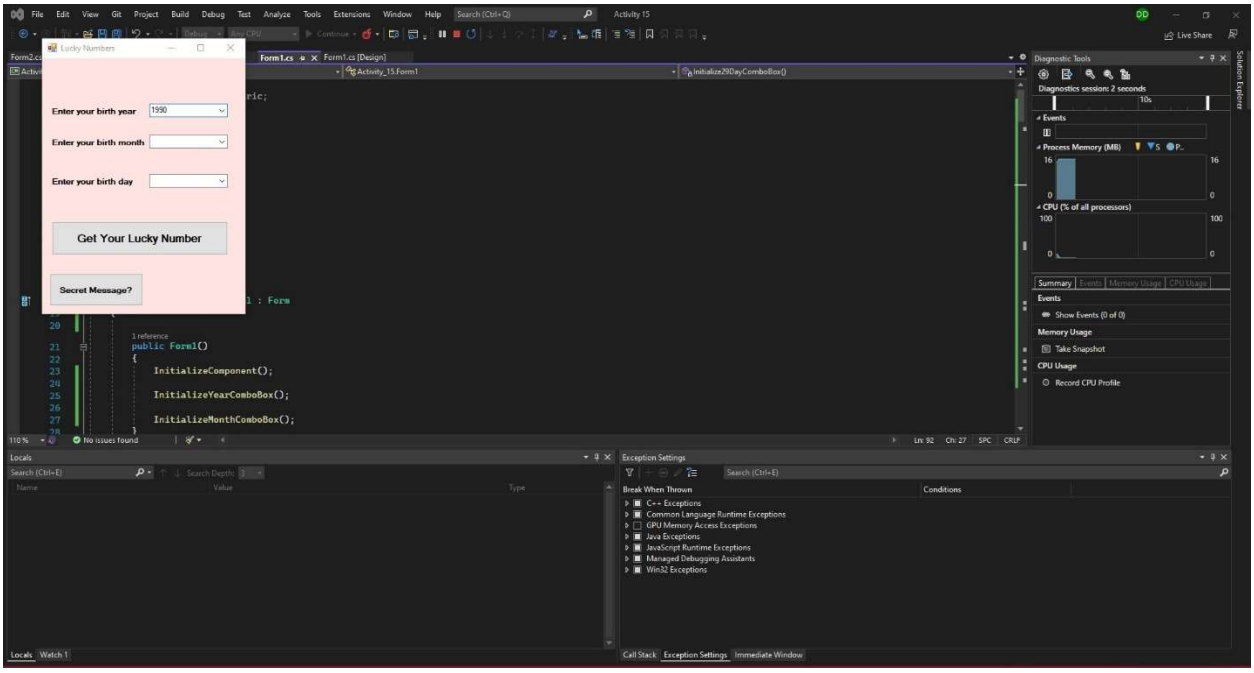
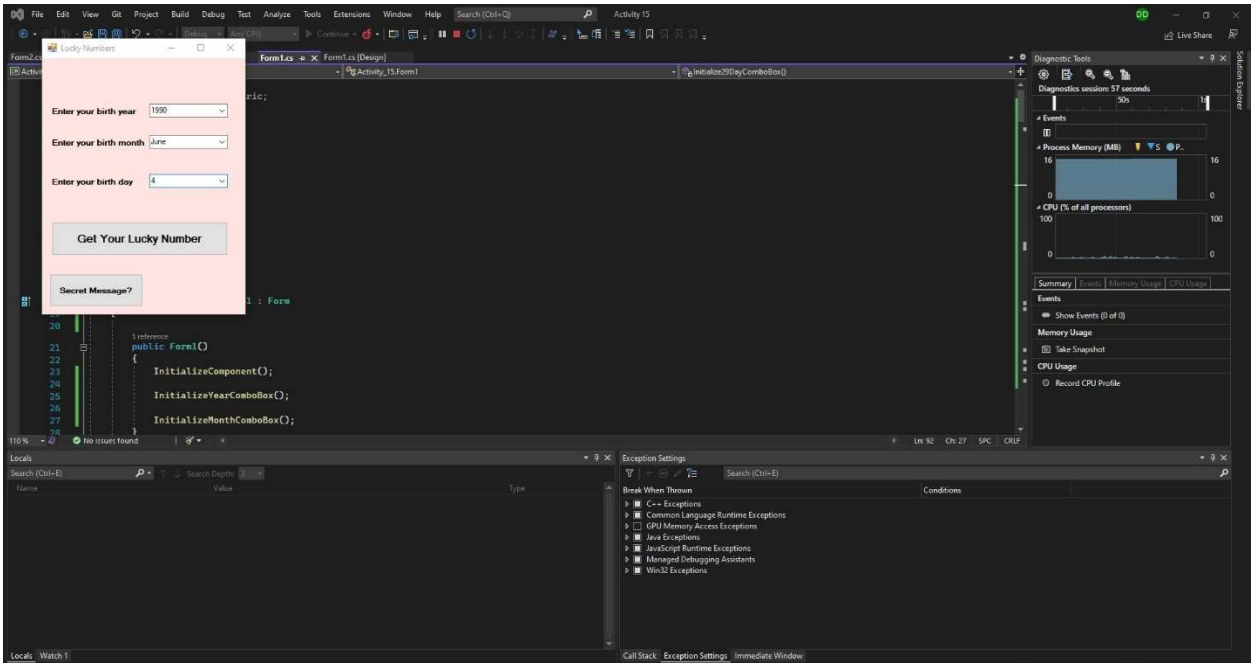
Link to files:

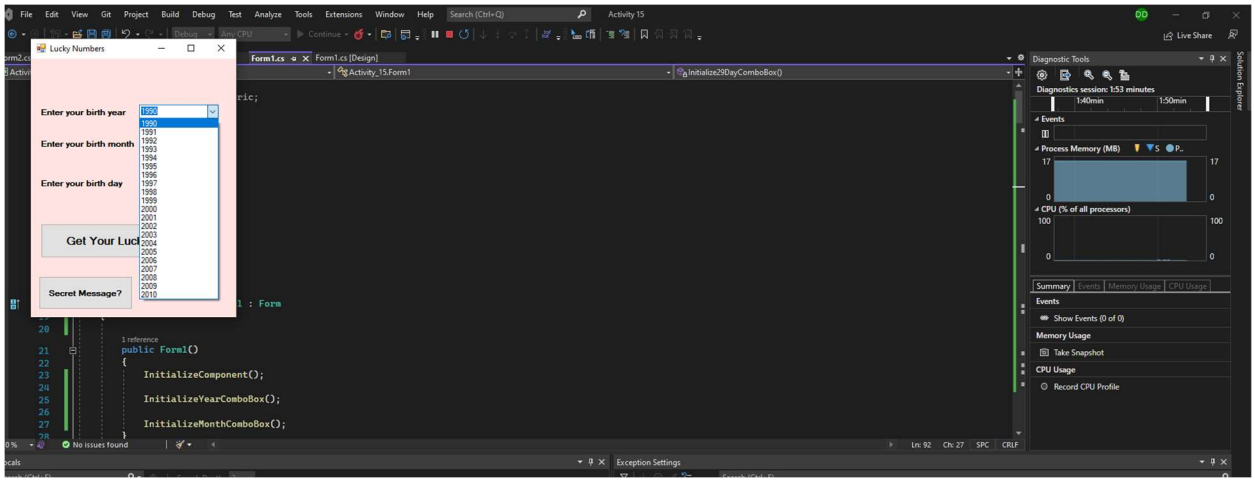
https://github.com/Naralla/CST-150-Submissions/tree/main/Activity%2015%20Submission

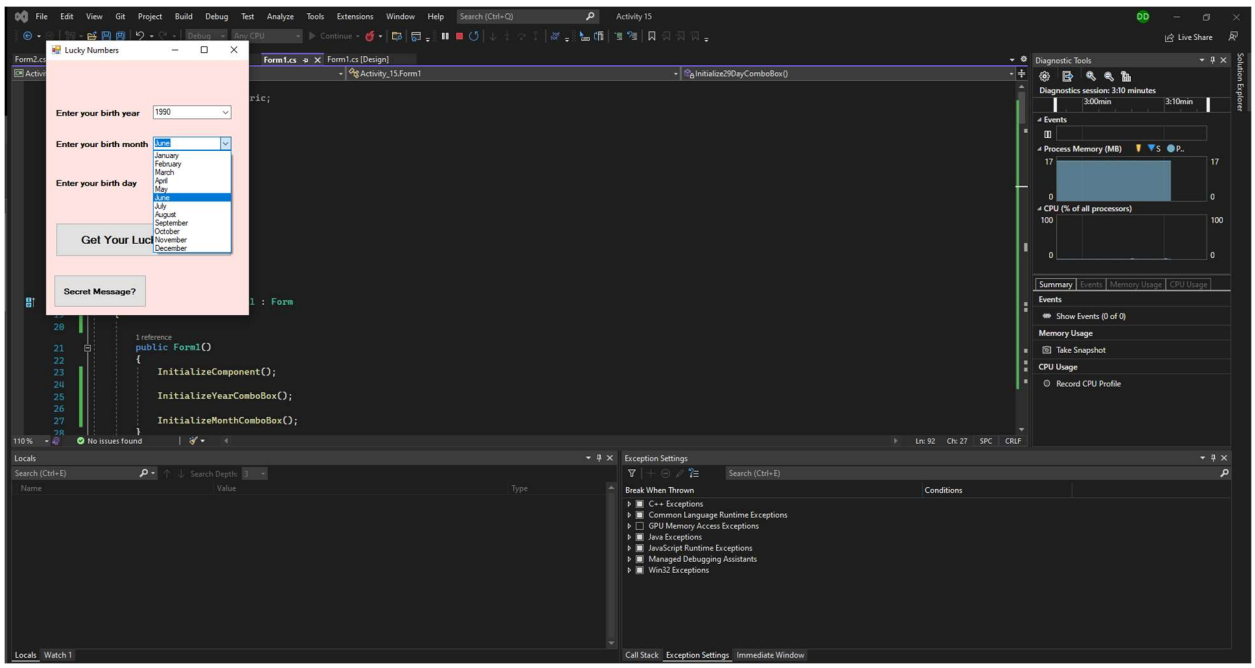
This program uses the C# language. This program's goal is to create a series of combo box controls. Additionally, the program will populate and generate some of the boxes programmatically. Then, the program will alter what is available in the days box due to what is selected in the other two boxes. The program also has two other buttons that will open separate forms. On the second form, the program will generate a random lucky number for the user. On the third form, the program will display a secret message. This program could be improved through further features or allowing the choices in the boxes to affect the users number or message.

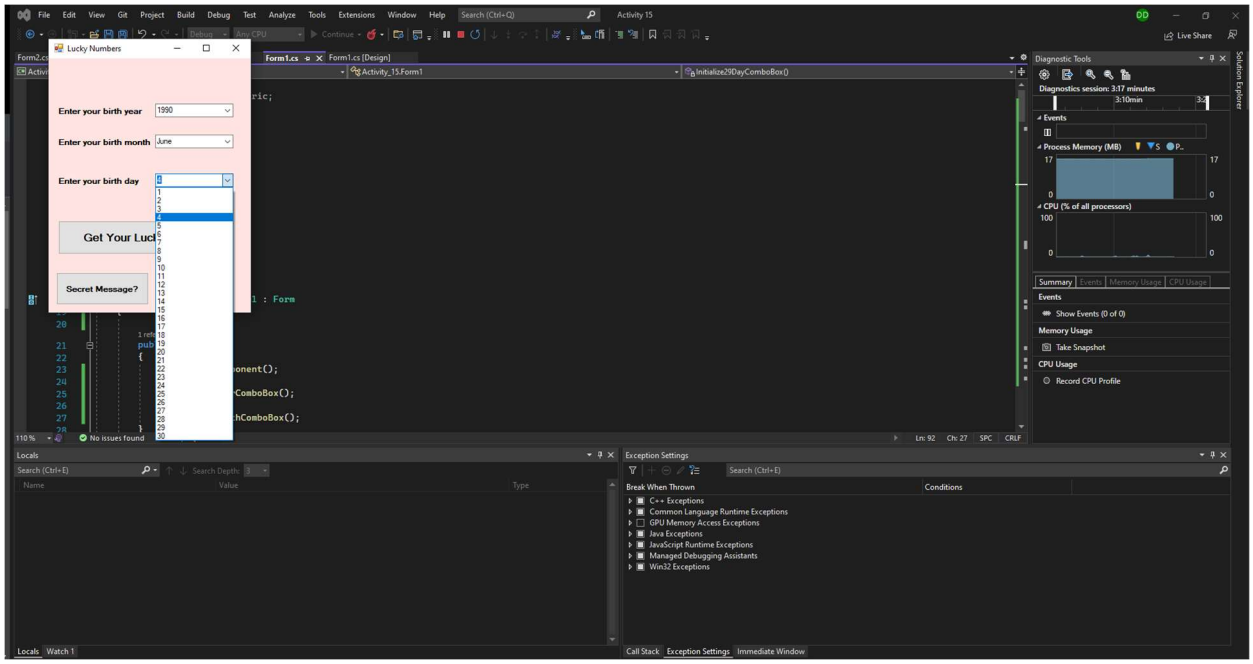


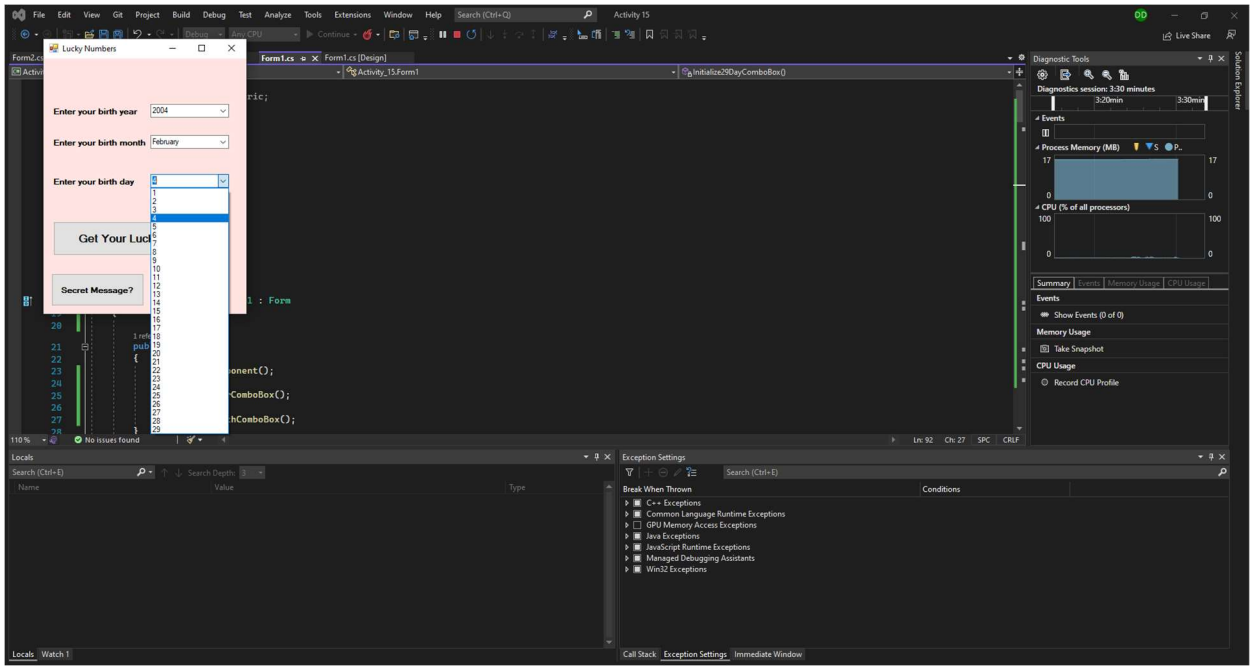

Lucky Numbers
Enter your birth year
1990
Enter your birth month
Enter your birth day
Get Your Lucky Number
Secret Message?
Form1.cs
Form1.cs [Design]
Activity_15.Form1
InitializeMonthComboBox();
Diagnostic Tools
Diagnostics session: 2 seconds
Process Memory (MB)
CPU (% of all processors)
Summary
Events
Show Events (0 of 0)
Memory Usage
Take Snapshot
CPU Usage
Record CPU Profile
Locals
Exception Settings
Break When Thrown
Conditions
C++ Exceptions
Common Language Runtime Exceptions
GPU Memory Access Exceptions
Java Exceptions
JavaScript Runtime Exceptions
Managed Debugging Assistants
Win32 Exceptions
Call Stack
Exception Settings
Immediate Window

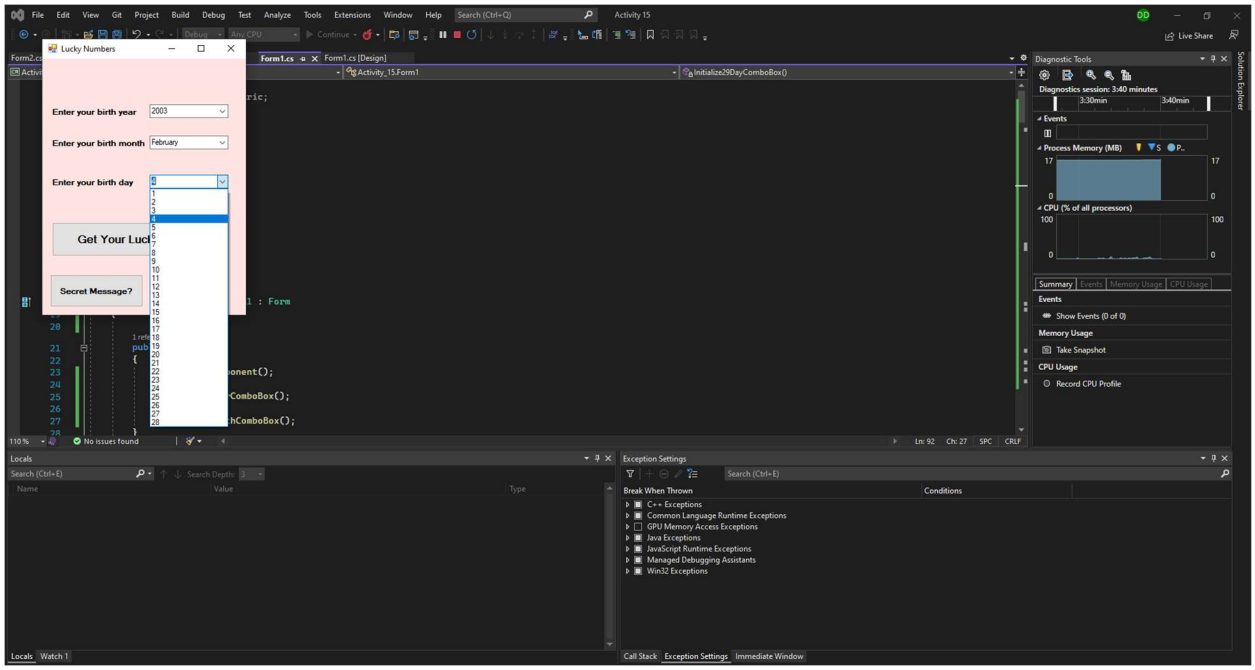

Lucky Numbers
Enter your birth year
1990
Enter your birth month
June
Enter your birth day
4
Get Your Lucky Number
Secret Message?
Form1.cs
Form1.cs [Design]
Activity_15.Form1
InitializeMonthComboBox();
Diagnostic Tools
Diagnostics session: 57 seconds
Process Memory (MB)
CPU (% of all processors)
Summary
Events
Show Events (0 of 0)
Memory Usage
Take Snapshot
CPU Usage
Record CPU Profile
Locals
Exception Settings
Break When Thrown
Conditions
C++ Exceptions
Common Language Runtime Exceptions
GPU Memory Access Exceptions
Java Exceptions
JavaScript Runtime Exceptions
Managed Debugging Assistants
Win32 Exceptions
Call Stack
Exception Settings
Immediate Window

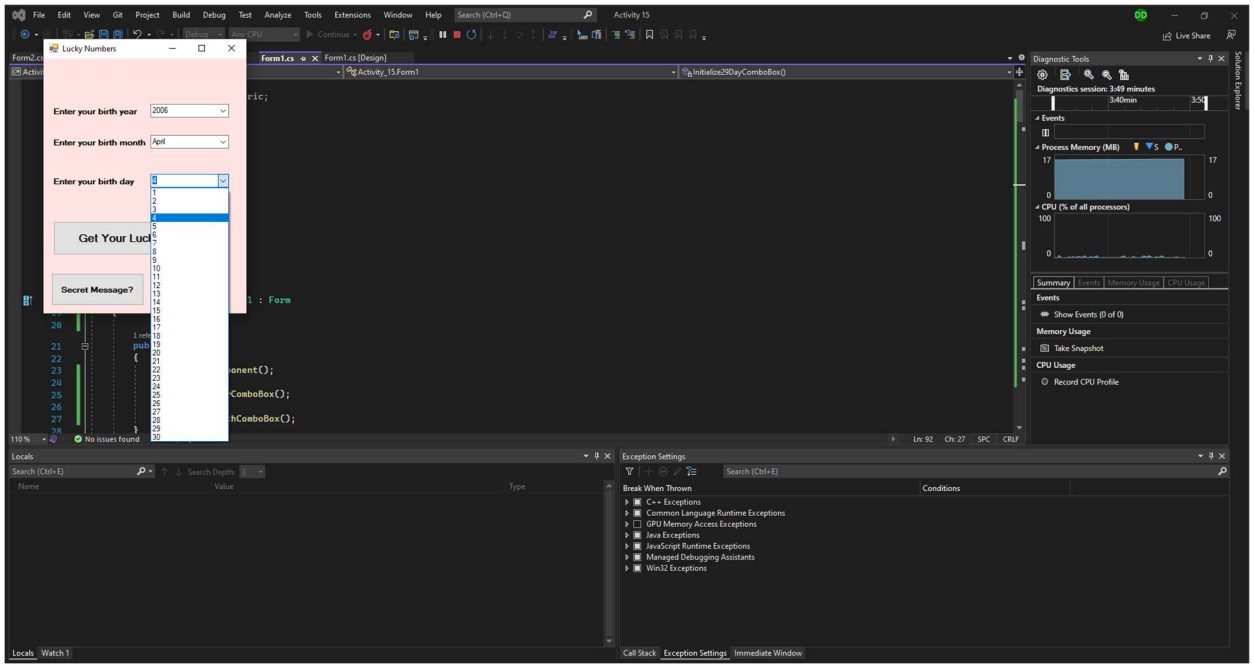

Lucky Numbers
Enter your birth year
1990
Enter your birth month
Enter your birth day
Get Your Luc
Secret Message?
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
Form1.cs [Design]
Activity_15.Form1
Initialize29DayComboBox()
Diagnostic Tools
Diagnostics session: 1:53 minutes
1:40min
1:50min
Events
Process Memory (MB)
CPU (% of all processors)
Summary
Events
Memory Usage
CPU Usage
Show Events (0 of 0)
Take Snapshot
Record CPU Profile
1 reference
public Form1()
{
InitializeComponent();
InitializeYearComboBox();
InitializeMonthComboBox();
}
No issues found
Ln: 92
Ch: 27
SPC
CRLF
Exception Settings

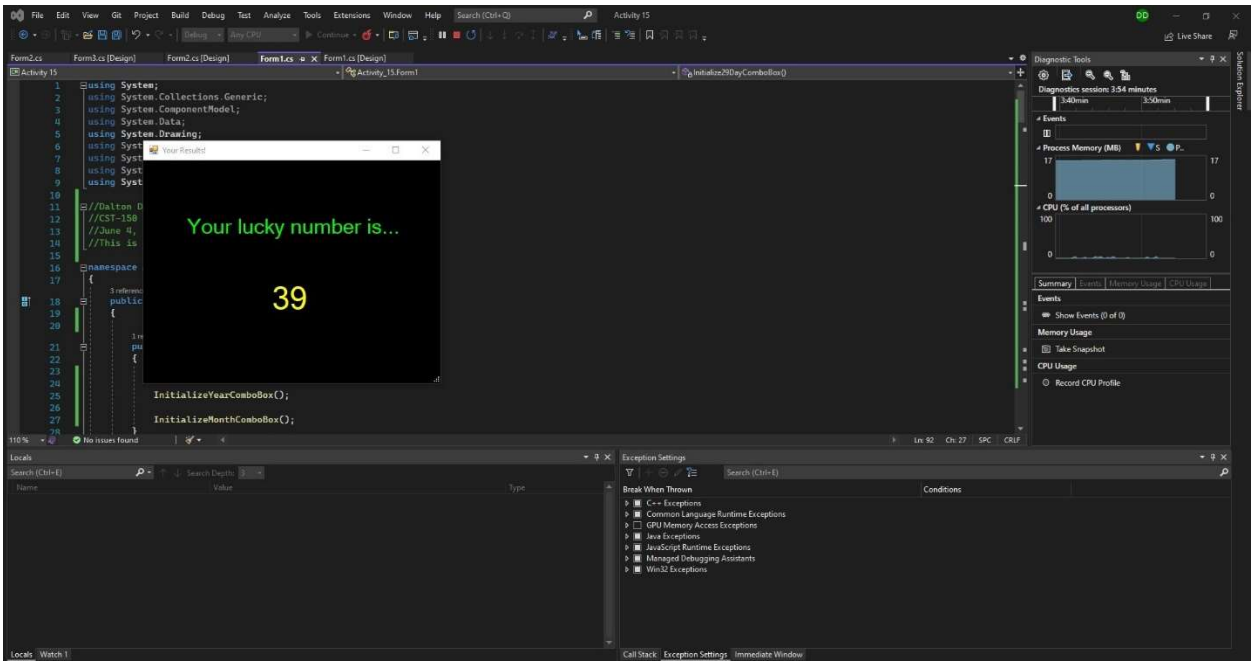

Lucky Numbers
Enter your birth year
1990
Enter your birth month
June
Enter your birth day
Get Your Luc
Secret Message?
January
February
March
April
May
June
July
August
September
October
November
December
Form1.cs [Design]
Activity_15.Form1
Initialize29DayComboBox()
Diagnostic Tools
Diagnostics session: 3:10 minutes
3:00min
3:10min
Events
Process Memory (MB)
CPU (% of all processors)
Summary
Events
Memory Usage
CPU Usage
Show Events (0 of 0)
Take Snapshot
Record CPU Profile
1 reference
public Form1()
{
InitializeComponent();
InitializeYearComboBox();
InitializeMonthComboBox();
}
No issues found
Ln: 92
Ch: 27
SPC
CRLF
Locals
Search (Ctrl+E)
Name
Value
Type
Exception Settings
Search (Ctrl+E)
Break When Thrown
Conditions
C++ Exceptions
Common Language Runtime Exceptions
GPU Memory Access Exceptions
Java Exceptions
JavaScript Runtime Exceptions
Managed Debugging Assistants
Win32 Exceptions
Locals
Watch 1
Call Stack
Exception Settings
Immediate Window

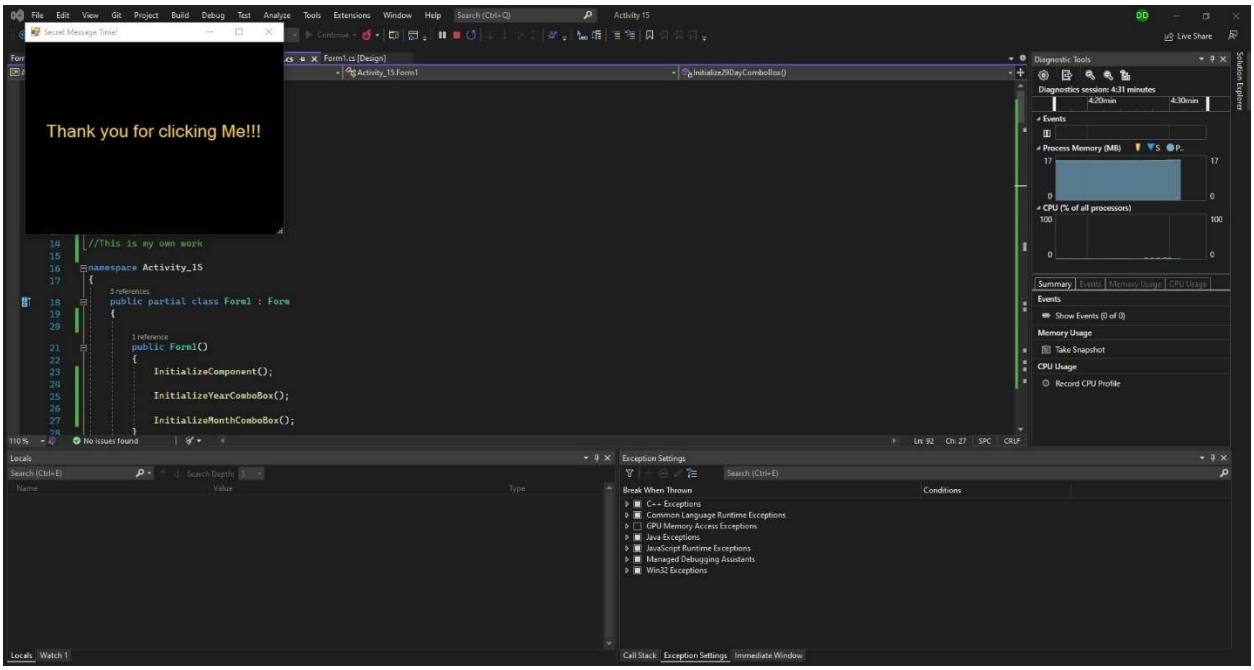

Lucky Numbers
Enter your birth year
1990
Enter your birth month
June
Enter your birth day
Get Your Luck
Secret Message?
Diagnostics session: 3:17 minutes
Events
Process Memory (MB)
CPU (% of all processors)
Summary
Memory Usage
Take Snapshot
CPU Usage
Record CPU Profile
Exception Settings
Break When Thrown
Conditions
C++ Exceptions
Common Language Runtime Exceptions
GPU Memory Access Exceptions
Java Exceptions
JavaScript Runtime Exceptions
Managed Debugging Assistants
Win32 Exceptions


Lucky Numbers
Enter your birth year
2004
Enter your birth month
February
Enter your birth day
Get Your Luck
Secret Message?
Diagnostics session: 3:30 minutes
Events
Process Memory (MB)
CPU (% of all processors)
Summary
Memory Usage
Take Snapshot
CPU Usage
Record CPU Profile
Exception Settings
Break When Thrown
Conditions
C++ Exceptions
Common Language Runtime Exceptions
GPU Memory Access Exceptions
Java Exceptions
JavaScript Runtime Exceptions
Managed Debugging Assistants
Win32 Exceptions


Lucky Numbers
Enter your birth year
2003
Enter your birth month
February
Enter your birth day
Get Your Luc
Secret Message?
Diagnostic Tools
Diagnostics session: 3:40 minutes
Events
Process Memory (MB)
CPU (% of all processors)
Summary
Events
Memory Usage
CPU Usage
Show Events (0 of 0)
Take Snapshot
Record CPU Profile
Exception Settings
Break When Thrown
Conditions
C++ Exceptions
Common Language Runtime Exceptions
GPU Memory Access Exceptions
Java Exceptions
JavaScript Runtime Exceptions
Managed Debugging Assistants
Win32 Exceptions
Locals
Watch 1
Call Stack
Exception Settings
Immediate Window


Lucky Numbers
Enter your birth year
2006
Enter your birth month
April
Enter your birth day
Get Your Luc
Secret Message?
Diagnostic Tools
Diagnostics session: 3:49 minutes
Events
Process Memory (MB)
CPU (% of all processors)
Summary
Events
Memory Usage
CPU Usage
Show Events (0 of 0)
Take Snapshot
Record CPU Profile
Exception Settings
Break When Thrown
Conditions
C++ Exceptions
Common Language Runtime Exceptions
GPU Memory Access Exceptions
Java Exceptions
JavaScript Runtime Exceptions
Managed Debugging Assistants
Win32 Exceptions
Locals
Watch 1
Call Stack
Exception Settings
Immediate Window


Your Result!
Your lucky number is...
39
InitializeYearComboBox();
InitializeMonthComboBox();


Secret Message Time!
Thank you for clicking Me!!!
//This is my own work
namespace Activity_15
public partial class Form1 : Form
public Form1()
InitializeComponent();
InitializeYearComboBox();
InitializeMonthComboBox();