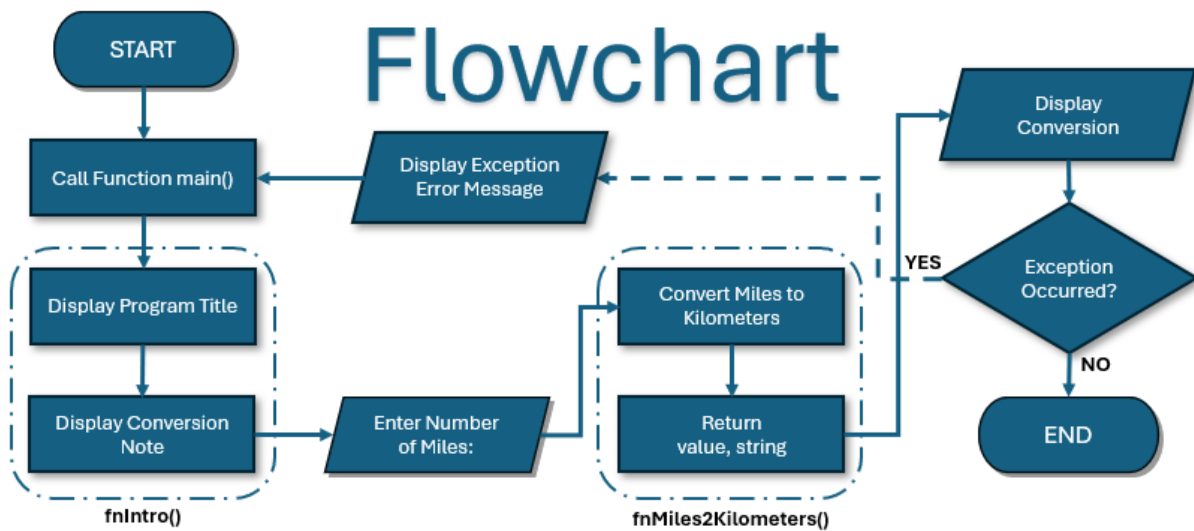


Carlos E. Escamilla

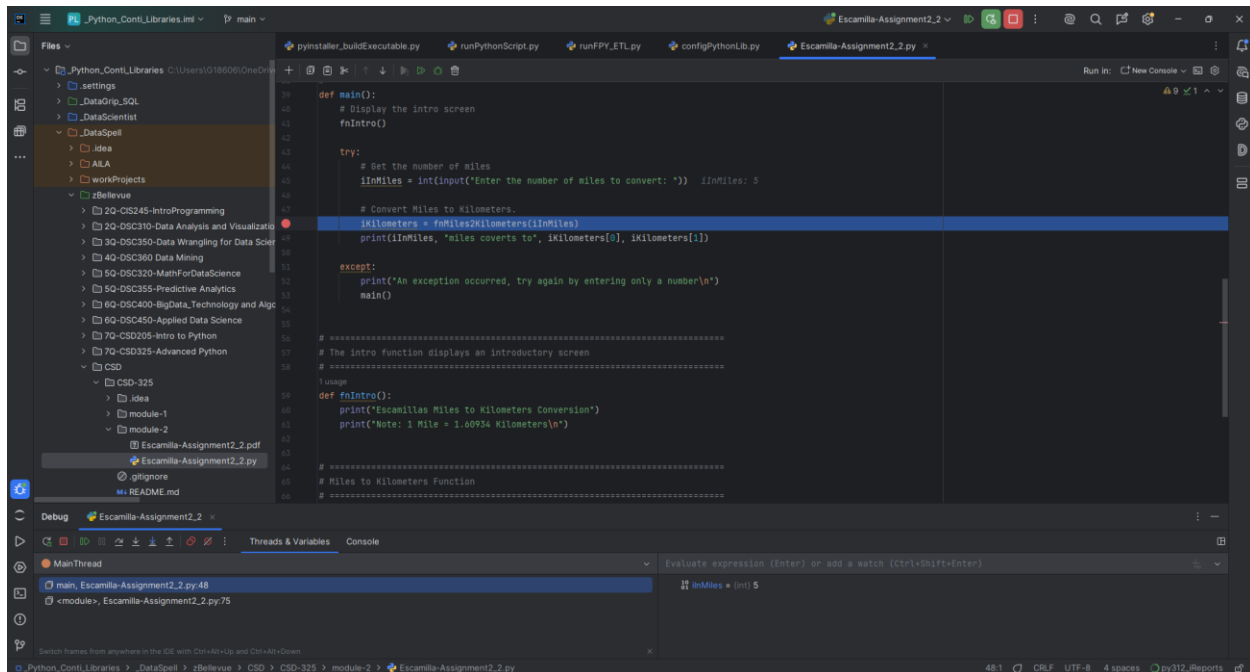
CSD325 Module 2.2 Assignment: Documenting Debugging

github.com/carlose1977/CSD-325

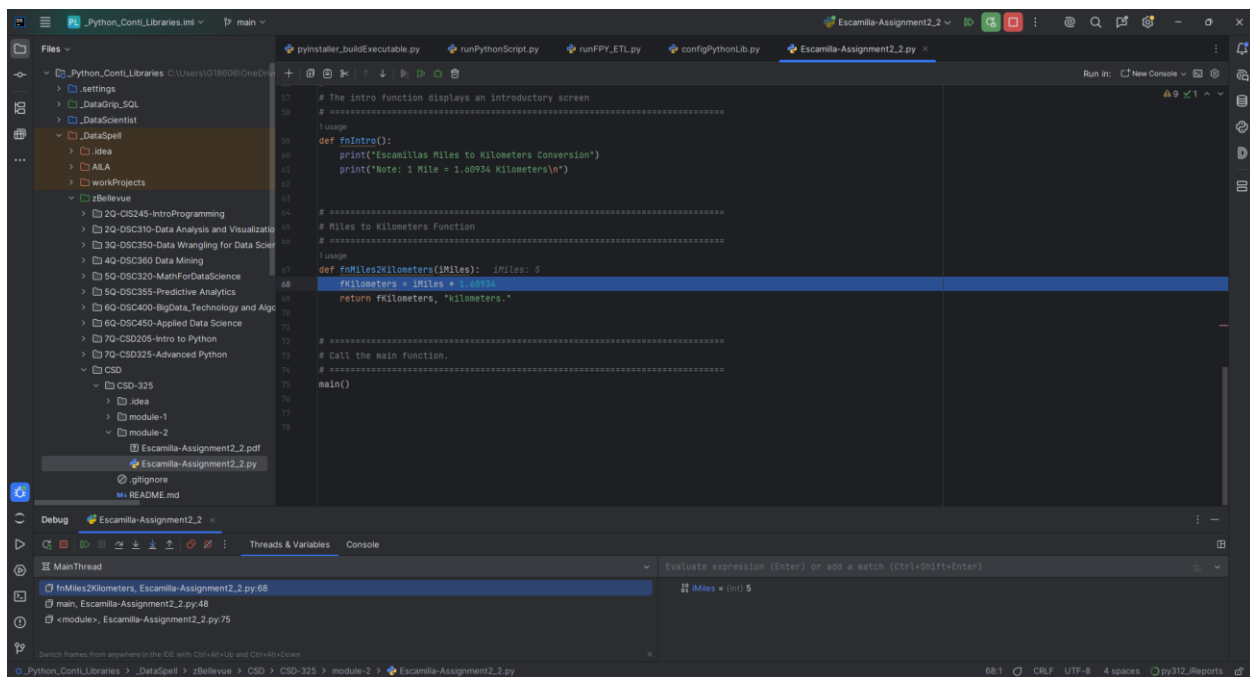
Convert Miles2Kilometers



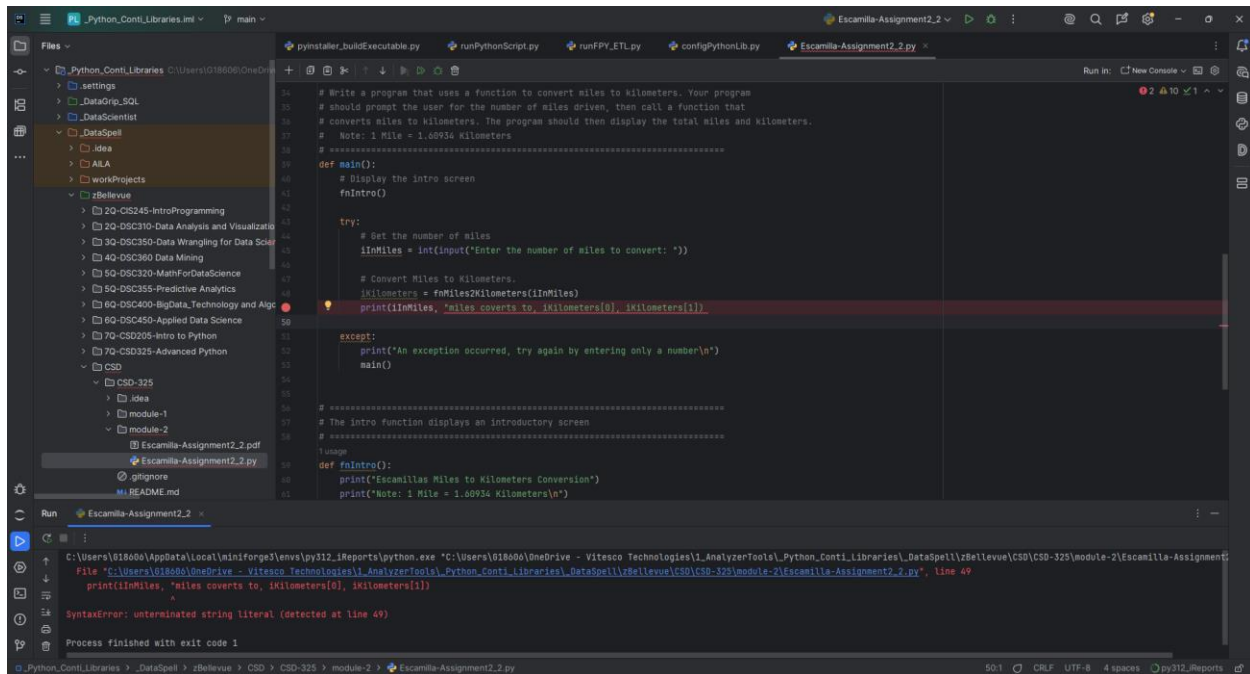
1. Breakpoint created and started debugging



2. Step into function `fnMiles2Kilometers(iMiles)`



3. Introduce an error in the function main()



The screenshot shows a Python IDE with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with folders like 'DataSpell', 'DataScientist', and 'workProjects'. The code editor displays a Python script named 'Escamilla-Assignment2.2.py'. The script contains a function 'fnIntro()' that prompts the user for miles and converts them to kilometers. A syntax error is highlighted on line 49: 'print(lInMiles, "miles covers to, iKilometers[i])'. The error message in the console reads: 'SyntaxError: unterminated string literal (detected at line 49)'. The console also shows the file path and the time of execution.

```
34 # Write a program that uses a function to convert miles to kilometers. Your program
35 # should prompt the user for the number of miles driven, then call a function that
36 # converts miles to kilometers. The program should then display the total miles and kilometers.
37 # Note: 1 Mile = 1.60934 Kilometers
38 # =====
39 def main():
40     # Display the intro screen
41     fnIntro()
42
43     try:
44         # Get the number of miles
45         iInMiles = int(input("Enter the number of miles to convert: "))
46
47         # Convert Miles to Kilometers.
48         iKilometers = fnMiles2Kilometers(iInMiles)
49         print(lInMiles, "miles covers to, iKilometers[i])
50
51     except:
52         print("An exception occurred, try again by entering only a number\n")
53         main()
54
55 # =====
56 # The intro function displays an introductory screen
57 # =====
58 tIntro()
59
60 def fnIntro():
61     print("Escamillas Miles to Kilometers Conversion")
62     print("Note: 1 Mile = 1.60934 Kilometers\n")
```

Run: Escamilla-Assignment2.2

C:\Users\G18606\AppData\Local\miniforge\envs\py312_1\Reports\python.exe "C:\Users\G18606\OneDrive - Vitesco Technologies\1_AnalyzerTools\Python_Conf\Libraries\DataSpell\zBellevue\CSD\CSD-325\module-2\Escamilla-Assignment2.2.py", time 49

SyntaxError: unterminated string literal (detected at line 49)

Process finished with exit code 1