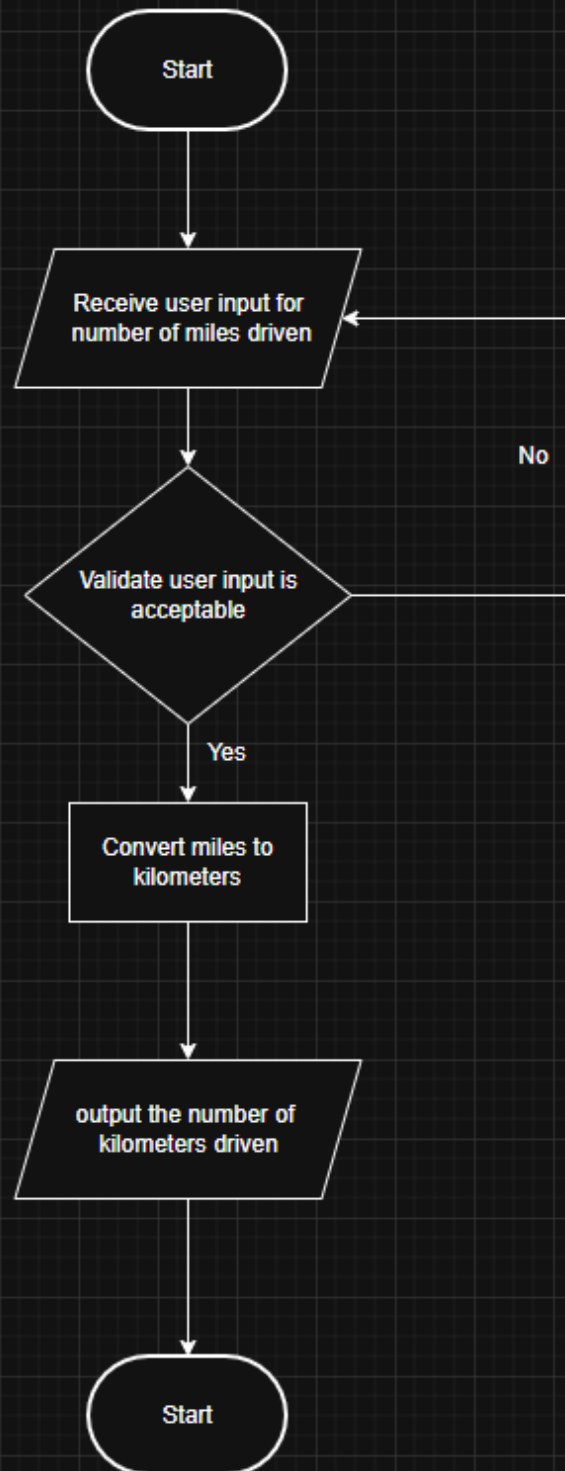
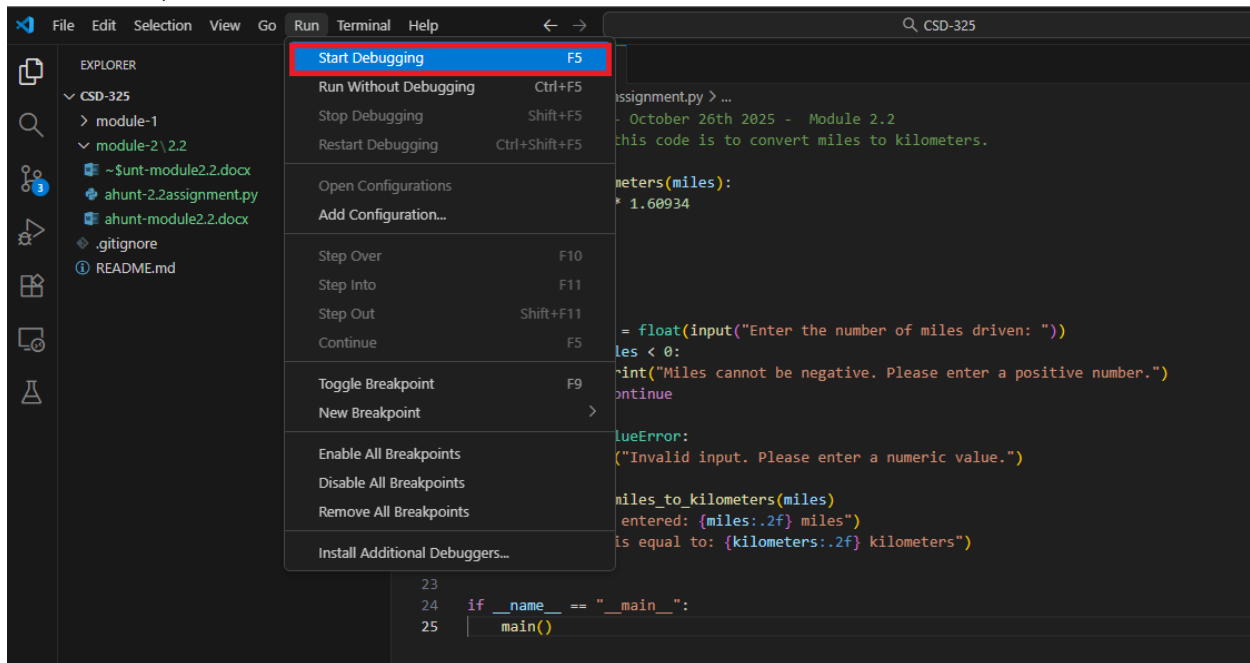


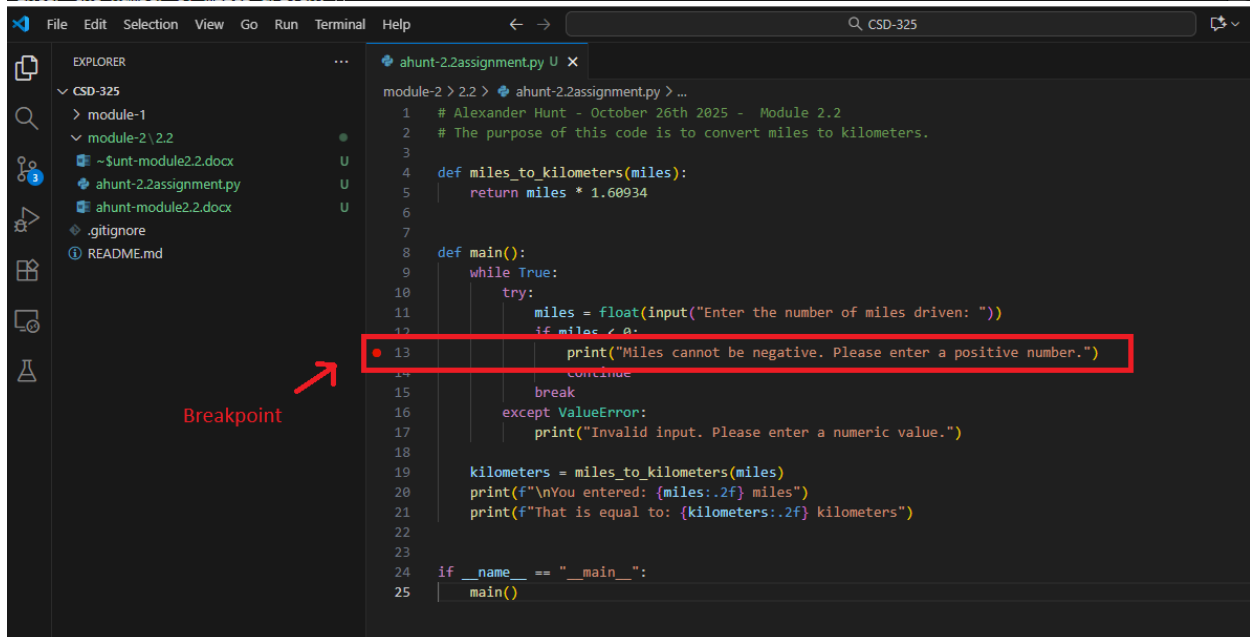
Alexander Hunt  
Module 2.2  
Advanced Python



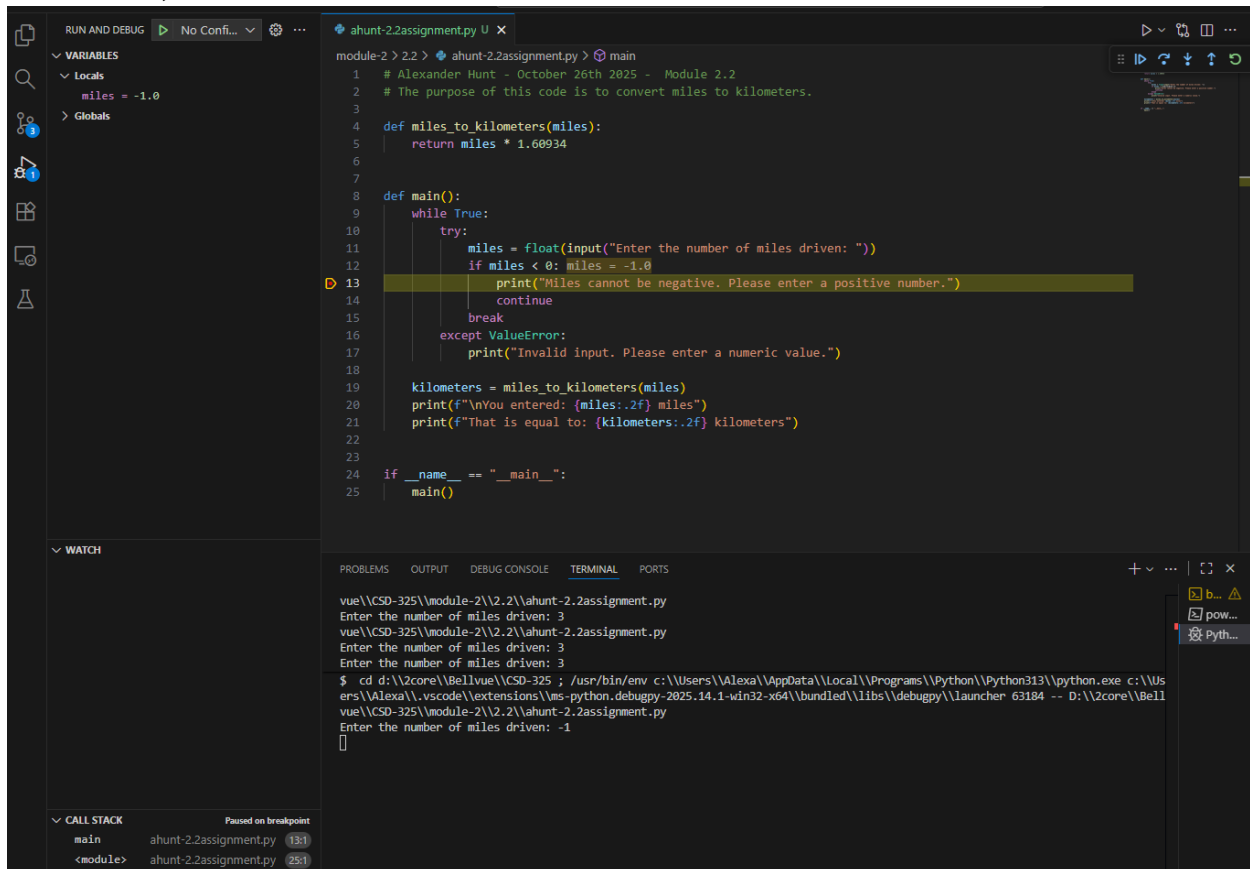
Alexander Hunt  
Module 2.2  
Advanced Python  
October 26, 2025



```
$ cd d:\2core\Bellvue\CSD-325 ; /usr/bin/env c:\Users\Alexa\AppData\Local\Programs\Python\Python313\python.exe c:\Users\Alexa\vscode\extensions\ms-python.debugpy-2025.14.1-win32-x64\bundled\libs\debugpy\launcher 59860 -- D:\2core\Bellvue\CSD-325\module-2\2.2\ahunt-2.2assignment.py
Enter the number of miles driven: []
```



Alexander Hunt  
Module 2.2  
Advanced Python  
October 26, 2025



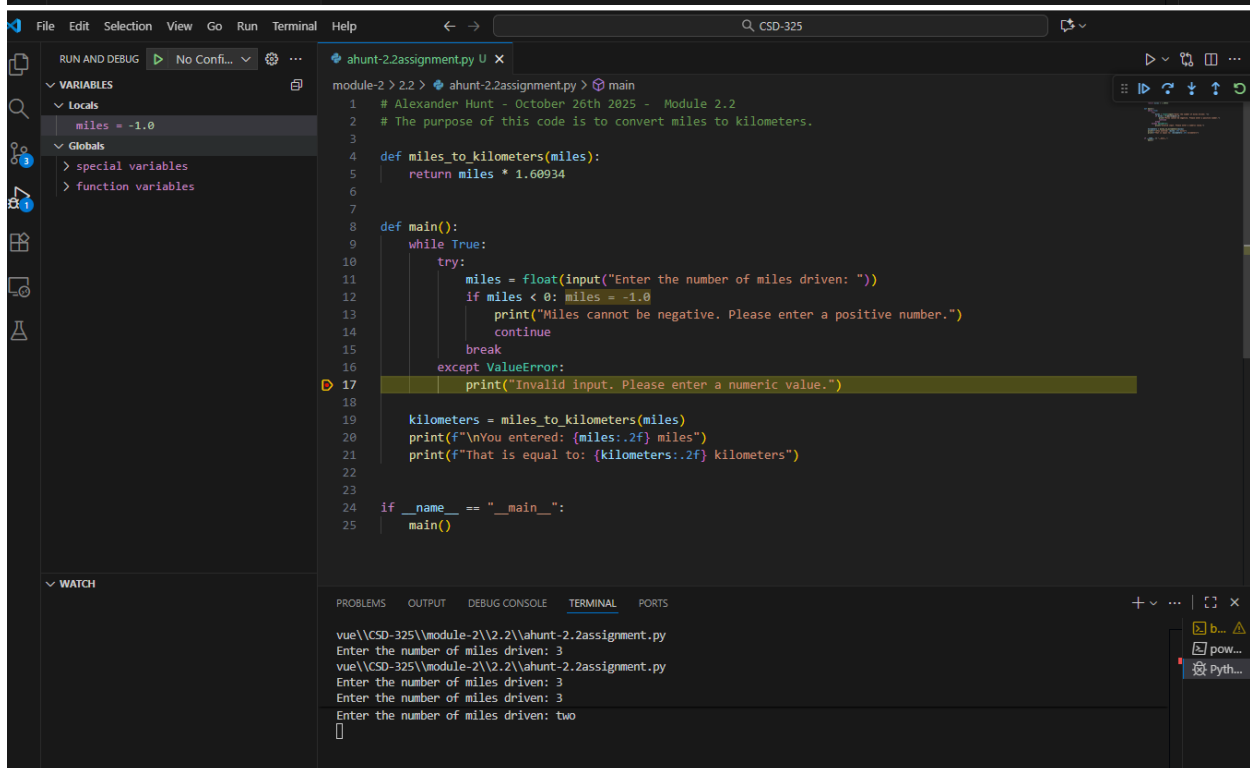
```
module-2 > 2.2 > ahunt-2.2assignment.py > main
1 # Alexander Hunt - October 26th 2025 - Module 2.2
2 # The purpose of this code is to convert miles to kilometers.
3
4 def miles_to_kilometers(miles):
5     return miles * 1.60934
6
7
8 def main():
9     while True:
10         try:
11             miles = float(input("Enter the number of miles driven: "))
12             if miles < 0: miles = -1.0
13             print("Miles cannot be negative. Please enter a positive number.")
14             continue
15             break
16         except ValueError:
17             print("Invalid input. Please enter a numeric value.")
18
19     kilometers = miles_to_kilometers(miles)
20     print(f"\nYou entered: {miles:.2f} miles")
21     print(f"That is equal to: {kilometers:.2f} kilometers")
22
23
24 if __name__ == "__main__":
25     main()
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
vue\CSO-325\module-2\2.2\ahunt-2.2assignment.py
Enter the number of miles driven: 3
vue\CSO-325\module-2\2.2\ahunt-2.2assignment.py
Enter the number of miles driven: 3
Enter the number of miles driven: 3
$ cd d:\2core\Bellvue\CSO-325 ; /usr/bin/env c:\Users\VAlexa\AppData\Local\Programs\Python\Python313\python.exe c:\Users\VAlexa\vscode\extensions\ms-python.debugpy-2025.14.1-win32-x64\bundle\libs\debugpy\launcher 63184 -- D:\2core\Bellvue\CSO-325\module-2\2.2\ahunt-2.2assignment.py
Enter the number of miles driven: -1
[]
```

CALL STACK Paused on breakpoint

main	ahunt-2.2assignment.py	131
<module>	ahunt-2.2assignment.py	251



```
module-2 > 2.2 > ahunt-2.2assignment.py > main
1 # Alexander Hunt - October 26th 2025 - Module 2.2
2 # The purpose of this code is to convert miles to kilometers.
3
4 def miles_to_kilometers(miles):
5     return miles * 1.60934
6
7
8 def main():
9     while True:
10         try:
11             miles = float(input("Enter the number of miles driven: "))
12             if miles < 0: miles = -1.0
13             print("Miles cannot be negative. Please enter a positive number.")
14             continue
15             break
16         except ValueError:
17             print("Invalid input. Please enter a numeric value.")
18
19     kilometers = miles_to_kilometers(miles)
20     print(f"\nYou entered: {miles:.2f} miles")
21     print(f"That is equal to: {kilometers:.2f} kilometers")
22
23
24 if __name__ == "__main__":
25     main()
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
vue\CSO-325\module-2\2.2\ahunt-2.2assignment.py
Enter the number of miles driven: 3
vue\CSO-325\module-2\2.2\ahunt-2.2assignment.py
Enter the number of miles driven: 3
Enter the number of miles driven: 3
Enter the number of miles driven: two
[]
```