```
(base) PS C:\Users\143> conda env list
# conda environments:
#
base
                                 * E:\Program File\anaconda3
 (base) PS C:\Users\143> python --version
Python 3.11.7
(base) PS C:\Users\143> pip list |findstr "numpy scipy scikit-learn matplotlib torch"
 [notice] A new release of pip is available: 23.0 -> 24.2
[notice] To update, run: python.exe -m pip install --upgrade pip
matplotlib
                                                  3.8.0
matplotlib-inline
                                                  0.1.6
                                                  2.0.0
numpy
                                                  1.5.0
numpydoc
scikit-learn
                                                  1.2.2
                                                  1.11.4
scipy
                                                  2.3.0
torch
(base) PS C:\Users\143>
[notice] To update, run: python.exe -m pip install --upgrade pip
(base) PS C:\Users\143> pip show numpy scipy scikit-learn matplotlib torch | findstr "Name Version"
Name: numpy
Version: 2.0.0
Name: lapack-lite
Name: dragon4
Name: libdivide
Name: Meson
Name: spin
Name: OpenBLAS
Name: LAPACK
Name: GCC runtime library
Version 3.1, 31 March 2009
  Version 3, 29 June 2007
5. Conveying Modified Source Versions.
14. Revised Versions of this License.
Name: libquadmath
Name: scipy
Version: 1.11.4
Name: scikit-learn
Version: 1.2.2
Name: matplotlib
Version: 3.8.0
Name: torch
Version: 2.3.0
(base) PS C:\Users\143>|
 常 #定义求解函数.py ×
 C: 〉Users 〉 143 〉 OneDrive 〉 桌面 〉 2024秋季 〉 人工智能与机器学习 〉 hw1 〉 ❖ #定义求解函数.py 〉...
   1 # 定义求解函数
        def find_integer():
           for i in range(2, 85): # i 的范围从 2 到 84 if 168 % i == 0: # i 是 168 的因子 j = 168 // i # 计算对应的 j
                   if i > j and (i + j) % 2 == 0 and (i - j) % 2 == 0: # 确保 i 和 j 同为偶数或者奇数
                      m = (i + j) // 2

n = (i - j) // 2
                       x = n * n - 100
                      print(f"x: {x}, m: {m}, n: {n}")
  11
        # 调用求解函数
  12
  find_integer()
  问题 5 输出 调试控制台 终端 端口 MEMORY XRTOS 注释
  PS C:\Users\143> & "C:/Program Files/Python311/python.exe" c:/Users/143/OneDrive/桌面/2024秋季/人工智能与机器学习/hw1/#定义求解函数.py
 x: -99, m: 13, n: 1
x: 21, m: 17, n: 11
x: 261, m: 23, n: 19
x: 1581, m: 43, n: 41
  PS C:\Users\143>
```