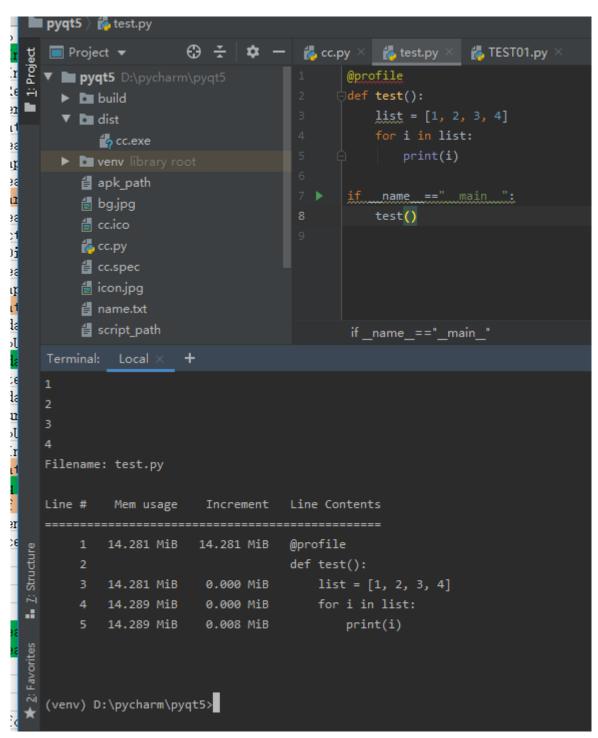
```
🏅 test.py 🗡 👸 TEST01 🔼 🔻
■ Project ▼
                  🐉 cc.py 🗡
 pyqt5 D:\pycharm\pyqt5
  ▶ build
                                         @profile
  ▼ 🖿 dist
                                         def test():
       cc.exe
                                             list = [1, 2, 3, 4]
  ▶ 🖿 venv library root
                                             it = iter(list)
    apk_path
    🛃 bg.jpg
                                                 print(i)
    di cc.ico
    🐍 cc.py
    🖆 cc.spec
                                         if __name__ == "__main__":
    🛃 icon.jpg
                                             test()
    ame.txt
    script_path
                                          if __name__ == "__main__"
Filename: TEST01.py
                               Line Contents
Line #
         Mem usage
                     Increment
                                @profile
        14.285 MiB
                    14.285 MiB
                                def test():
    3 14.285 MiB
                   0.000 MiB
                                    list = [1, 2, 3, 4]
    4 14.285 MiB
                   0.000 MiB
                                    it = iter(list)
    5 14.293 MiB
                   0.000 MiB
                                    for i in it:
        14.293 MiB
                   0.008 MiB
                                        print(i)
```

14.293-14.285=0.008MIB



14.289-14.281=0.008MIB

解释: 迭代器其实就是一个for循环

```
■ Project ▼
                                 გ cc.py 🔀 📸 test.py 🔀

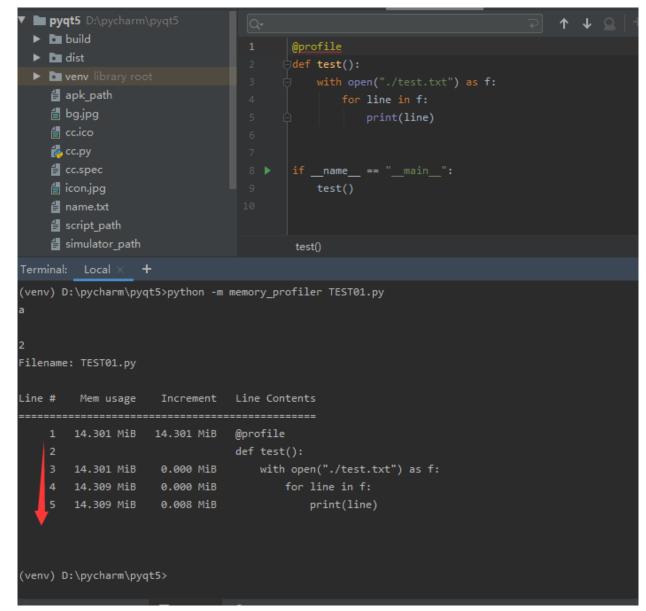
₹ TEST01.py

                                       @profile
 pyqt5 D:\pycharm\pyqt5
                                       def test():
  ▶ build
                                       for line in open("./test.txt").readlines():
  ▶ dist
  ▶ 🖿 venv library root
    apk_path
                                       if name ==" main ":
    🛃 bg.jpg
    🛃 cc.ico
    ื cc.py
    🖆 cc.spec
    🛃 icon.jpg
    🛔 name.txt
    🛔 script_path
    f simulator_path
                                        test() → for line in open("./test.txt")....
Line # Mem usage Increment Line Contents
   1 14.340 MiB 14.340 MiB @profile
                               def test():
   3 14.355 MiB 0.008 MiB for line in open("./test.txt").readlines():
    4 14.355 MiB 0.008 MiB
                                      print(line)
(venv) D:\pycharm\pyqt5>python -m memory_profiler test01.py
```

14.355-14.340=0.015M

```
■ Project ▼
                  ⊕ ÷ ⇒ −
                                  გ cc.py ×
                                             🐔 test.py >
                                                        🏅 TEST01.py
  pyqt5 D:\pycharm\pyqt5
  ▶ build
                                        @profile
  ▶ 🖿 dist
                                        def test():
  ▶ 🖿 venv library root
                                           for line in open("./test.txt"):
    \rm apk_path
    占 bg.jpg
    d cc.ico
    🐍 cc.py
                                         if __name__ == "__main__":
    d cc.spec
                                            test()
    🚪 icon.jpg
    ame.txt
    # script_path
    simulator_path
                                         test() > for line in open("./test.txt")
Filename: TEST01.py
Line # Mem usage Increment Line Contents
        14.297 MiB 14.297 MiB @profile
                                def test():
        14.312 MiB 0.008 MiB for line in open("./test.txt"):
        14.305 MiB 0.008 MiB
                                       print(line)
```

14.305-14.297=0.008M



14.309-14.301=0.008M

解释:使用对象本身作为迭代对象,能明显节省内存