Technical Assessment - Terminal Output

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```
File  Edit  Selection  View  Go  Run  ...                          python

EXPLORER                 ●  apnalect2.py U    J Hello.java 1, U    ● system_health.py U    ● website_checker.py U ×    ≡ Untitled-1

∨ OPEN EDITORS          localRepo > my_scripts > ● website_checker.py > ۞ main
   ● apnalect2.p... U      17    def main():
   J Hello.java... 1, U   PROBLEMS 1    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS
   ● system_hea... U
 × ● website_ch... U       -a----        31-10-2025       15:11         1392 system_health.py
   ≡ Untitled-1            -a----        31-10-2025       15:12         1372 website_checker.py
> PYTHON                  -a----        19-03-2025       14:40          201 who.py
> OUTLINE                 -a----        19-03-2025       15:46          210 why.py
> JAVA PROJECTS
                          PS C:\Users\user\Desktop\python> pip install psutil requests
                          Requirement already satisfied: psutil in c:\users\user\appdata\local\programs\python\python313\lib\site-packages (7.1.2)
                          Requirement already satisfied: requests in c:\users\user\appdata\local\programs\python\python313\lib\site-packages (2.32.5)
                          Requirement already satisfied: charset_normalizer<4,>=2 in c:\users\user\appdata\local\programs\python\python313\lib\site-packages (from requ
                          ests) (3.4.4)
                          Requirement already satisfied: idna<4,>=2.5 in c:\users\user\appdata\local\programs\python\python313\lib\site-packages (from requests) (3.11)
                          Requirement already satisfied: urllib3<3,>=1.21.1 in c:\users\user\appdata\local\programs\python\python313\lib\site-packages (from requests)
                          (2.5.0)
                          Requirement already satisfied: certifi>=2017.4.17 in c:\users\user\appdata\local\programs\python\python313\lib\site-packages (from requests)
                          (2025.10.5)

                          [notice] A new release of pip is available: 24.3.1 -> 25.3
                          [notice] To update, run: python.exe -m pip install --upgrade pip
                          PS C:\Users\user\Desktop\python> python system_health.py

                          === SYSTEM HEALTH CHECK ===
                          Time: 2025-10-31 15:12:53.236898
                          CPU Usage: 4.7%
                          Memory Usage: 85.1%
                          Disk Usage: 57.4%

                          ALERTS:
                             HIGH MEMORY USAGE: 85.1%
                          PS C:\Users\user\Desktop\python> ^C
                          PS C:\Users\user\Desktop\python> python website_checker.py
```



```
File  Edit  Selection  View  Go  Run  ...                          python

EXPLORER                 ●  apnalect2.py U    J Hello.java 1, U    ● system_health.py U    ● website_checker.py U ×    ≡ Untitled-1

∨ OPEN EDITORS          localRepo > my_scripts > ● website_checker.py > ۞ main
   ● apnalect2.p... U      17    def main():
   J Hello.java... 1, U   PROBLEMS 1    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS
   ● system_hea... U
 × ● website_ch... U       PS C:\Users\user\Desktop\python> type system_health.log
   ≡ Untitled-1            PS C:\Users\user\Desktop\python> type system_health.log
> PYTHON                  PS C:\Users\user\Desktop\python> type system_health.log
> OUTLINE                 2025-10-31 15:12:53.237967 - CPU: 4.7%, Memory: 85.1%, Disk: 57.4%
> JAVA PROJECTS           PS C:\Users\user\Desktop\python> type system_health.log
                          2025-10-31 15:12:53.237967 - CPU: 4.7%, Memory: 85.1%, Disk: 57.4%
                          ALERTS: ['HIGH MEMORY USAGE: 85.1%']
                          PS C:\Users\user\Desktop\python> type website_status_report.txt
                          PS C:\Users\user\Desktop\python> type system_health.log
                          2025-10-31 15:12:53.237967 - CPU: 4.7%, Memory: 85.1%, Disk: 57.4%
                          ALERTS: ['HIGH MEMORY USAGE: 85.1%']
                          PS C:\Users\user\Desktop\python> type website_status_report.txt
                          PS C:\Users\user\Desktop\python> type system_health.log
                          2025-10-31 15:12:53.237967 - CPU: 4.7%, Memory: 85.1%, Disk: 57.4%
                          ALERTS: ['HIGH MEMORY USAGE: 85.1%']
                          PS C:\Users\user\Desktop\python> type system_health.log
                          2025-10-31 15:12:53.237967 - CPU: 4.7%, Memory: 85.1%, Disk: 57.4%
                          ALERTS: ['HIGH MEMORY USAGE: 85.1%']
                          2025-10-31 15:12:53.237967 - CPU: 4.7%, Memory: 85.1%, Disk: 57.4%
                          ALERTS: ['HIGH MEMORY USAGE: 85.1%']
                          ALERTS: ['HIGH MEMORY USAGE: 85.1%']
                          PS C:\Users\user\Desktop\python> type website_status_report.txt
                          PS C:\Users\user\Desktop\python> type website_status_report.txt
                          Website Status Report
                          =====================
                          https://www.google.com - UP  - Website is working properly
                          https://www.github.com - UP  - Website is working properly
                          https://www.google.com - UP  - Website is working properly
                          https://www.github.com - UP  - Website is working properly
                          https://www.github.com - UP  - Website is working properly
                          https://www.example.com - UP  - Website is working properly
```

localRepo ۞ main* ⊗ 1 ⚠ 0   Java: Ready   Ln 21, Col 35   Spaces: 4   UTF-8   CRLF   {} Python   ⊕ Finish Setup   3.13.2   ⊘ Port : 5500   ⊘ Prettier

SUMMARY:

 Successfully completed both tasks

 System health monitoring working

 Website status checking working

 Automatic report generation working