

Pycodestyle compliant evidence

pcap_analyser.py file

```
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> python3 -m pycodestyle --first pcap_analyser.py
pcap_analyser.py:3:80: E501 line too long (82 > 79 characters)
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> █
```

packet_analysis.py module

```
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> python3 -m pycodestyle --first packet_analysis.py
packet_analysis.py:7:80: E501 line too long (90 > 79 characters)
packet_analysis.py:213:40: E251 unexpected spaces around keyword / parameter equals
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> █
```

packet_table.py module

```
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> python3 -m pycodestyle --first packet_table.py
packet_table.py:7:80: E501 line too long (89 > 79 characters)
packet_table.py:97:9: E128 continuation line under-indented for visual indent
packet_table.py:124:39: E251 unexpected spaces around keyword / parameter equals
packet_table.py:134:29: E231 missing whitespace after ':'
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> █
```

request.py module

```
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> python3 -m pycodestyle --first request.py
request.py:11:80: E501 line too long (99 > 79 characters)
request.py:87:5: E129 visually indented line with same indent as next logical line
request.py:93:37: E225 missing whitespace around operator
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> █
```

plot_graph.py module

```
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> python3 -m pycodestyle --first plot_graph.py
plot_graph.py:39:80: E501 line too long (96 > 79 characters)
plot_graph.py:46:25: E128 continuation line under-indented for visual indent
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> █
```

Pylint compliant evidence

pcap_analyser.py main file

```
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> python3 -m pylint pcap_analyser.py

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Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> █
```

packet_analysis.py module

```
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> python3 -m pylint packet_analysis.py
***** Module packet_analysis
packet_analysis.py:139:0: C0301: Line too long (108/100) (line-too-long)
packet_analysis.py:151:0: C0301: Line too long (117/100) (line-too-long)
packet_analysis.py:23:0: R0914: Too many local variables (30/15) (too-many-locals)
packet_analysis.py:89:23: C0123: Use isinstance() rather than type() for a typecheck. (unidiomatic-typecheck)
packet_analysis.py:103:25: C0123: Use isinstance() rather than type() for a typecheck. (unidiomatic-typecheck)
packet_analysis.py:110:25: C0123: Use isinstance() rather than type() for a typecheck. (unidiomatic-typecheck)
packet_analysis.py:117:25: C0123: Use isinstance() rather than type() for a typecheck. (unidiomatic-typecheck)
packet_analysis.py:23:0: R0912: Too many branches (19/12) (too-many-branches)
packet_analysis.py:23:0: R0915: Too many statements (109/50) (too-many-statements)
packet_analysis.py:57:28: R1732: Consider using 'with' for resource-allocating operations (consider-using-with)

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Your code has been rated at 9.19/10 (previous run: 9.19/10, +0.00)

PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> █
```

packet_table.py module

```
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> python3 -m pylint packet_table.py
***** Module packet_table
packet_table.py:20:0: R0913: Too many arguments (6/5) (too-many-arguments)
packet_table.py:55:0: R0913: Too many arguments (6/5) (too-many-arguments)
packet_table.py:55:0: R0914: Too many local variables (18/15) (too-many-locals)

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Your code has been rated at 9.45/10 (previous run: 9.45/10, +0.00)

PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> █
```

request.py module

```
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> python3 -m pylint request.py

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Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)

PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> █
```

plot_graph.py module

```
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> python3 -m pylint plot_graph.py  
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Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)  
PS D:\Napier\Y2 TR1\Scripting\Coursework\CWModules> |
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