

Malware

File `payload1.py` and `payload2.py` are two malicious programs. It is easy to recognize if a script contains one of these two payloads and identify the payload version: they use variables names that are easy to identify. File `malware.py` is a malware that is able to inject a payload to a victim file.

Implement the function `check` of the file `antivirus.py`. The function should return 1 if `payload1.py` has been injected into `filename` by `malware.py`; 2 if `payload2.py` has been injected into `filename` by `malware.py`; None otherwise.

To test your solution, execute `./test.py` or `py.test test.py`.