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1. The term hacker in the security context refers to people who attempt to find exploits in digital systems.

2. White: Exploits systems to find vulnerabilities for employers.

Black: Cracks systems for profit or destruction

Grey: Breaks systems for fun, often informs victims so they can repair vulnerabilities

3. I think that it is fine, because someone is going to find it anyways, so it might as well be done by a neutral party.

4. I currently fear Syria the most, simply because they are a desperate country and may do something drastic to attempt to gain foreign aid.

5. Russian programmer that defeated the password system on eBooks. I this is most likely fine, as I think copyright rules are excessive. He was found not guilty in the end and is living his life.

6. He hacked various systems and reported it to the companies that he cracked. I think it is ethical. He is currently hiding having reported Chelsea Manning to the US government.

7. That when a hobby becomes work the person no longer takes pleasure in it. I think this is slightly biased, it is possible for the work to ruin a hobby but this is a possibility not a guarantee.

8. Manages the root servers and domain names of the entire world. I like it as an American because we have control of it, even though that it is self-centric.

9. It was an investigation into a series of coordinated attacks at the end of the 90’s that took sensitive data from U.S military databases and systems.

10. They are control systems that control hardware and industrial systems. There are several articles concerning their vulnerabilities especially with regards to utility systems and new concerns regarding IoT.

11. Automate the Boring Stuff

1. They help organize the code and increase the reusability of small blocks of code.

2. Called

3. def

4. A function is the block of code, while a Call is the line that executes it

5. 1 Global Scope, there are a number of local scopes equal to the number of functions defined

6. They are deleted

7. It is the output of a function, it can be used in an expression.

8. None

9. The global statement

10. NoneType

11. It brings the function into the file

12. spam.bacon()

13. Use Try and except statements

14. Try: A statement returning the expression Except: The expression to execute of failure