ITBU 313: Introduction to Cyber Security, Homework 07

Chapter 19, *Computer Security, Principles and Practices*

Readings

Read chapter 19 in the *Computer Security, Principles and Practices* book.

Discussion Questions

Answer the discussion questions in writing.

1. Write a general summary of what we mean when we use the term *computer crime.*

2. Why might law enforcement agencies have difficulty enforcing laws related to computer crimes?

3. List three types of intellectual property (IP), and briefly describe each of them.

4. What forms of IP are relevant in the context of network and computer security.

5. What is DRM? What is DRM used for? Why is DRM important?

6. Summarize the Privacy Act of 1974.

7. (Not in book) Summarize the GDPR.

8. When we think about ethics and ethical concerns, what do we mean? Do you think that ethics are important? Why or why not?

9. What are some general themes of the different ethical codes mentioned in the book?

   Note: I personally think that Codes of Ethics are very important in the practice of any profession, especially in information technology. However, *ethics* and *morals* are two different concepts. For one thing, we can enforce ethical codes, but we cannot enforce moral codes. For another thing, individuals may differ on their concepts of morality, but ethical codes can be stated objectively and applied to all individuals in a profession. This is not a homework question, but I would like for you to reflect on what it means to say that IT professionals are (or should be) bound to a written, concrete ethical code.