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CYBR 340-342N

Week 1 – Module 2

*Complete the three of the four "try this!" exercises in Chapter 2 of your Survey of Operating Systems textbook (pp 39, 44, 47, 62, & 65). Provide a 2-3 paragraph explanation of your experience with each exercise.*

# Pg 39

1. Facebook
2. YouTube
3. WhatsApp
4. Facebook Messenger
5. WeChat
6. Instagram
7. Twitter
8. Tumblr
9. Tik Tok
10. LinkedIn

People are leaking all sorts of private data with very little realization of the cost. Political careers ending due to spectacularly candid comments by a person are the norm in the news cycle but the lesser publicized usages are just as devastating. Job candidates are being turned away. Landlords are screening tenants. More importantly your choices as a consumer/citizen are being influenced. If you aren’t paying for the product, you are the product is a very true adage.

# Pg 44

* [45% of all emails are spam.](https://dataprot.net/statistics/spam-statistics/#:~:text=45%25%20of%20all%20emails%20are%20spam.,-(Spamlaws)&text=This%20translates%20into%20more%20than,promotions%20for%20products%20and%20services.)
* [Russia accounted for 20.74 percent of global spam e-mail.](https://www.statista.com/statistics/263086/countries-of-origin-of-spam/)
* [Gary Thuerk sent the first email spam message in 1978 to 600 people. He was reprimanded and told not to do it again.](https://en.wikipedia.org/wiki/Email_spam)

Spam has been around longer than I’ve been alive. Nothing that we have done has stopped it. We’ve mitigated what we can through technical solutions and people training but the onslaught just keeps coming. I finally now have the descriptive words that I’ve felt but didn’t know the phrase.

*Since the expense of the spam is borne mostly by the recipient, it is effectively postage due advertising. This makes it an excellent example of a negative externality.*

# Pg 47

* [Have I been pwned](https://haveibeenpwned.com/)
* [Credit Freeze Info](https://www.consumer.ftc.gov/articles/0497-credit-freeze-faqs)
* [One Password](https://1password.com/)

There is just something uniquely violating about having your personal information disclosed in a breech. Userids that you’ve established a personal connection to being compromised can be eventually recovered. You can proactively freeze your credit as well as periodically review it. You can implement a rigorous compartmentalization process. But all this is mostly on the defensive side of things. The PII data that can’t be changed like your SSN, past bank accounts, and other Knowledge Based Authenticaiton schemes is where the pain really happens. You can’t readily change your SSN or DOB. Once this information is out there you are kinda hosed.