Applied!

Data and Network Security

Behnam Amiri

ans.dailysec.ir

aNetSec.github.io

Spring 2025

whoami?

- Behnam Amiri
- Father!
- Master of Network Security (SUT)
- PHD Student (KNTU)
- Founder & AmnBAN
- 12+ years experiences in (AmnBAN, NETEL, Post, …)
- ITO & Afta Instructor
- Cources: Network Security, Hardening, AD Security, Pentest, …
- Network Security, Monitoring, Pentest, Hardening, ML in Security
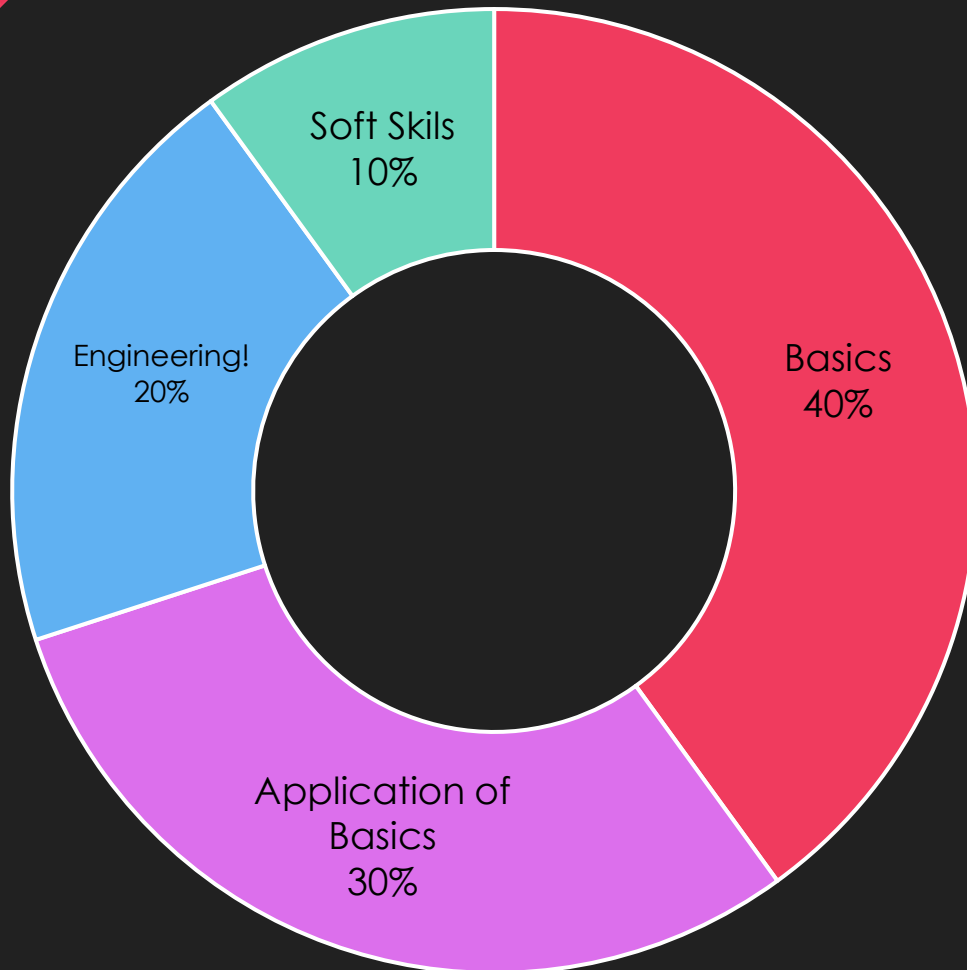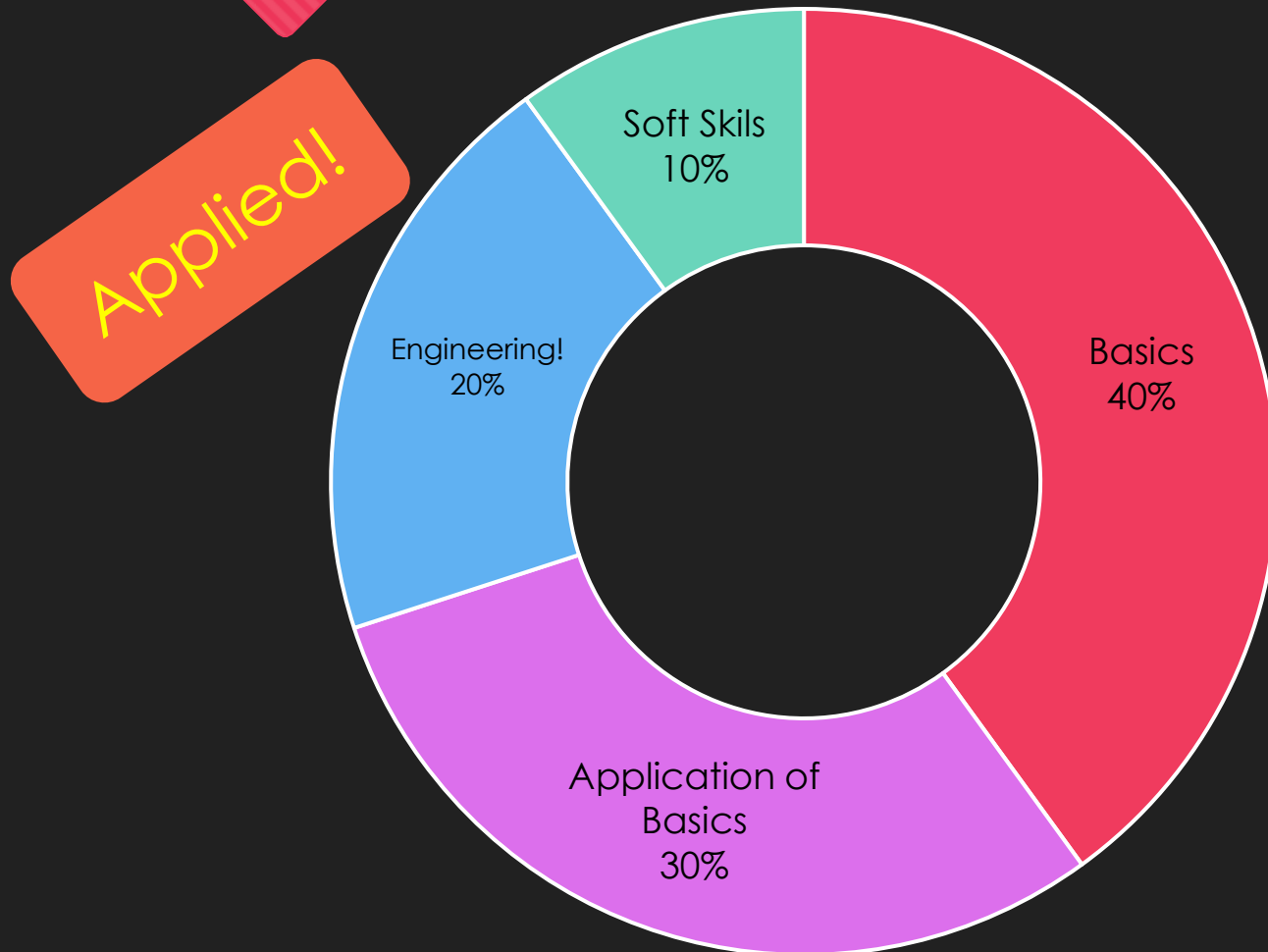
Who are you?

Reveal Yourself!

Why Data & Network Security?

- Usage in work and Life
- Daily need
- Very Important

Course Contents

Soft Skils
10%

Engineering!
20%

Basics
40%

Application of
Basics
30%

Course Contents

Topics

○ Security & Privacy Fundamentals

○ Cryptography

○ Web Security

○ Pentest

○ Network Security

○ Security Tools

○ Attack Types

○ Malware Types

○ Hackers

○ Soft Skills

The goal of the course

https://ans.dailysec.ir/about/

The goal of the course

- Understand Topics
- Understand Network Security
- Attack Types
- Hackers
- Hardening
- CEH Topics

Textbook
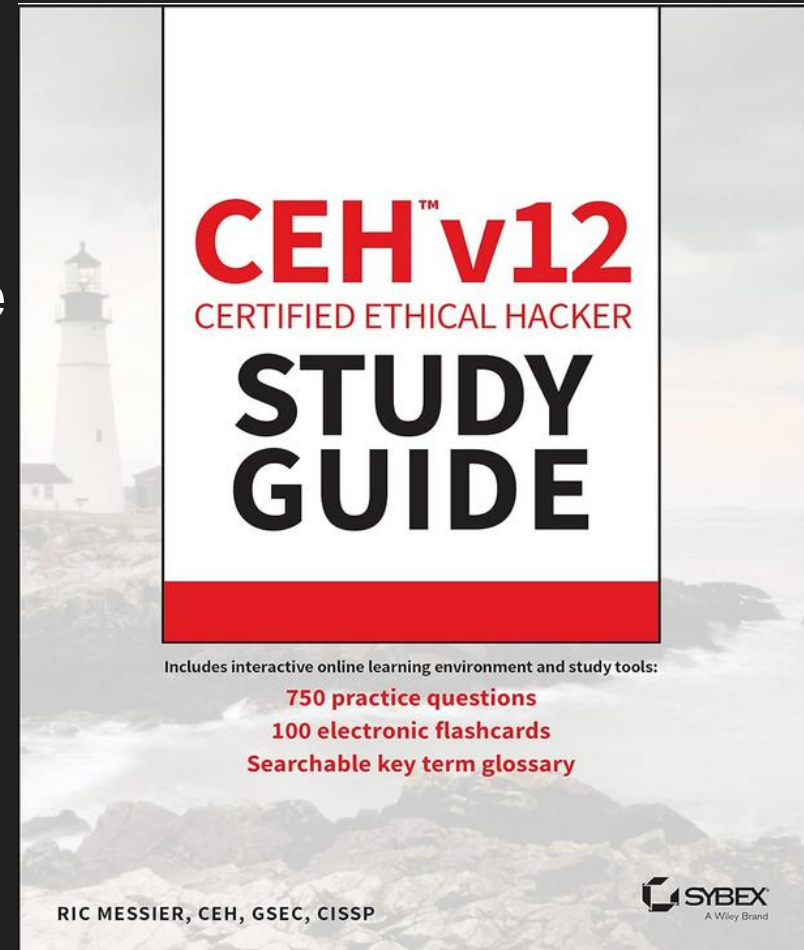
- No Book!

Support Materials

CEH v12

Certified Ethical Hacker Study Guide

Sybex

2023

by Ric Messier

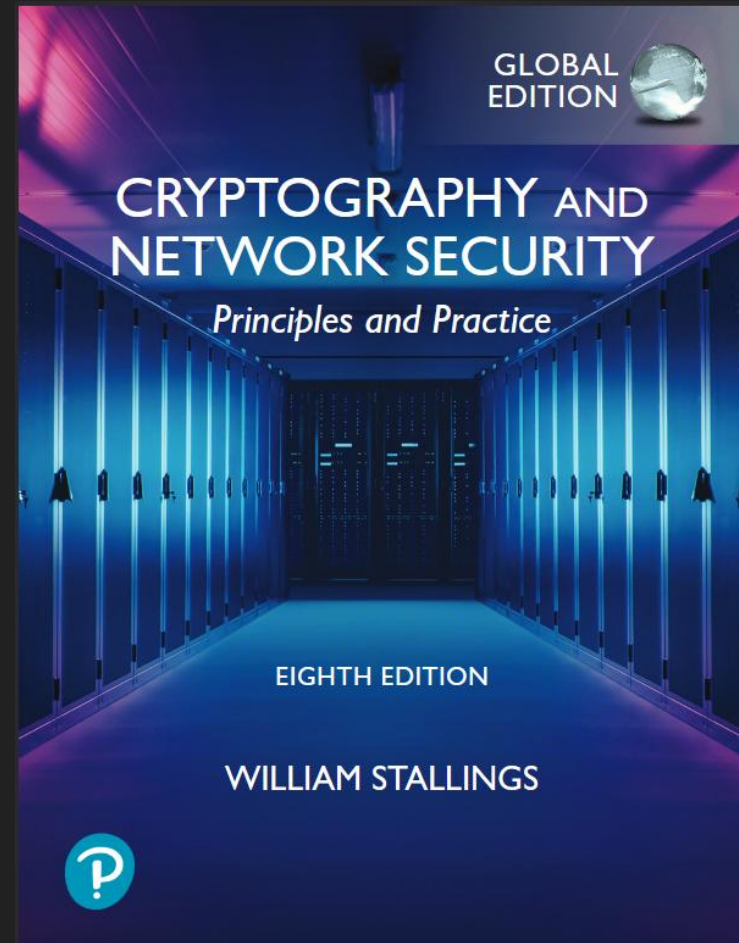# Support Materials

Cryptography and Network Security

Principles and Practice

8 Edition

PEARSON

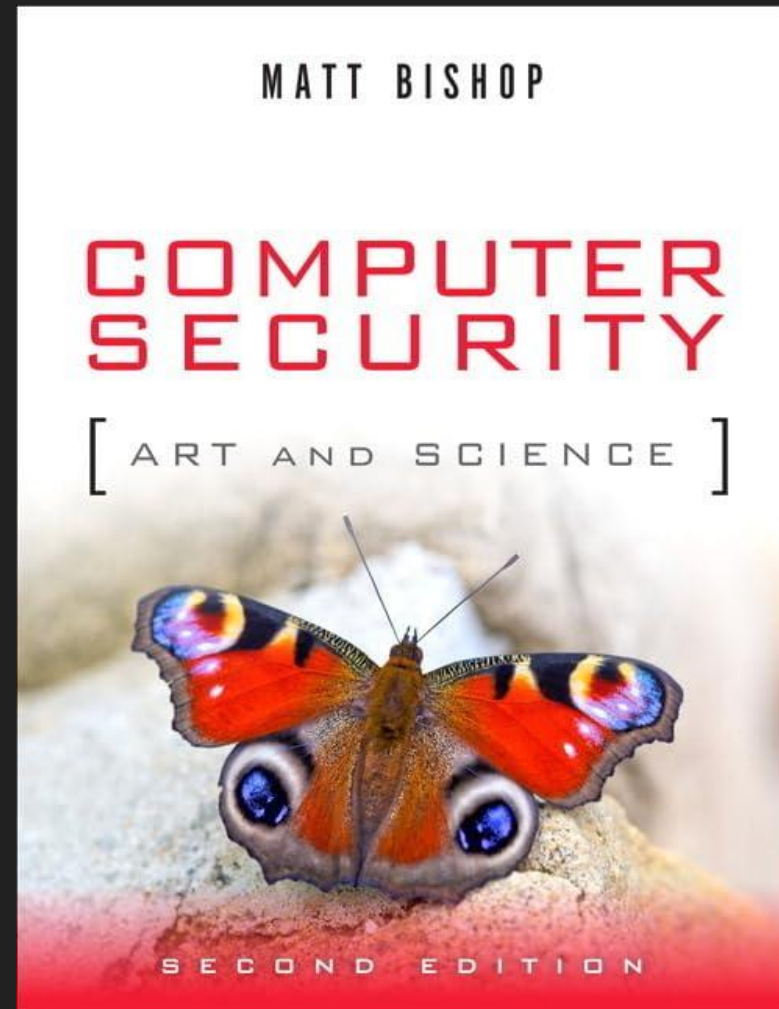2022
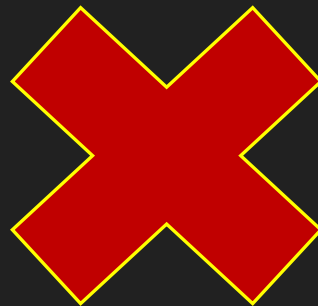
by William Stallings

Support Materials

Computer Security

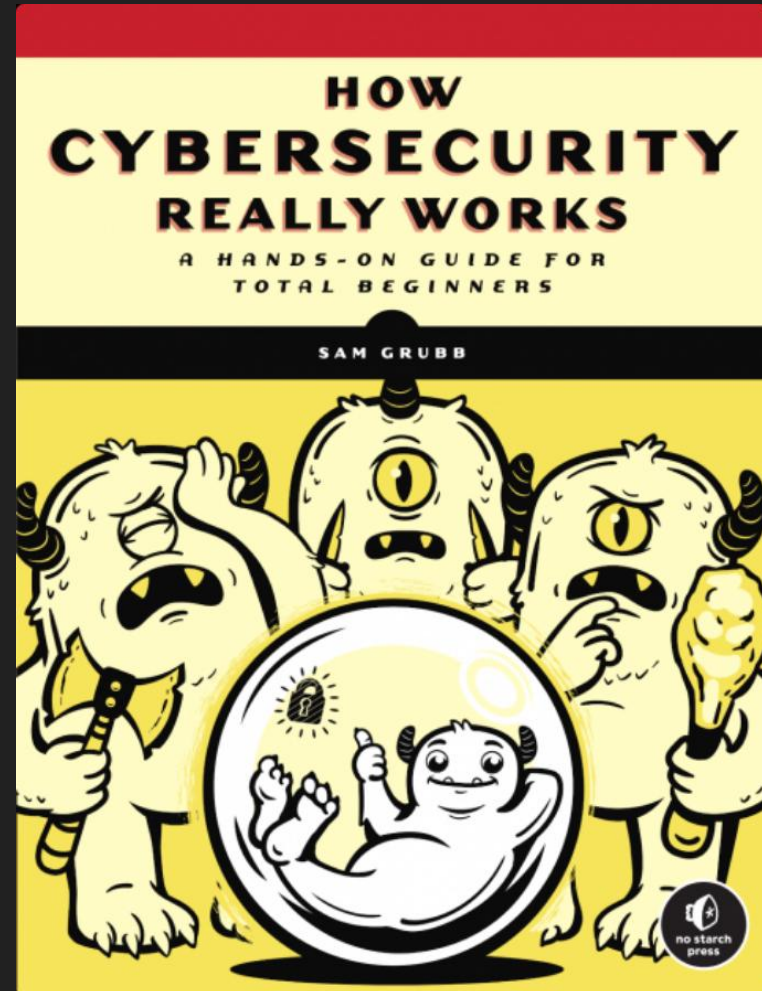Art and Science

2nd Edition

2018

by Matt Bishop

Support Materials

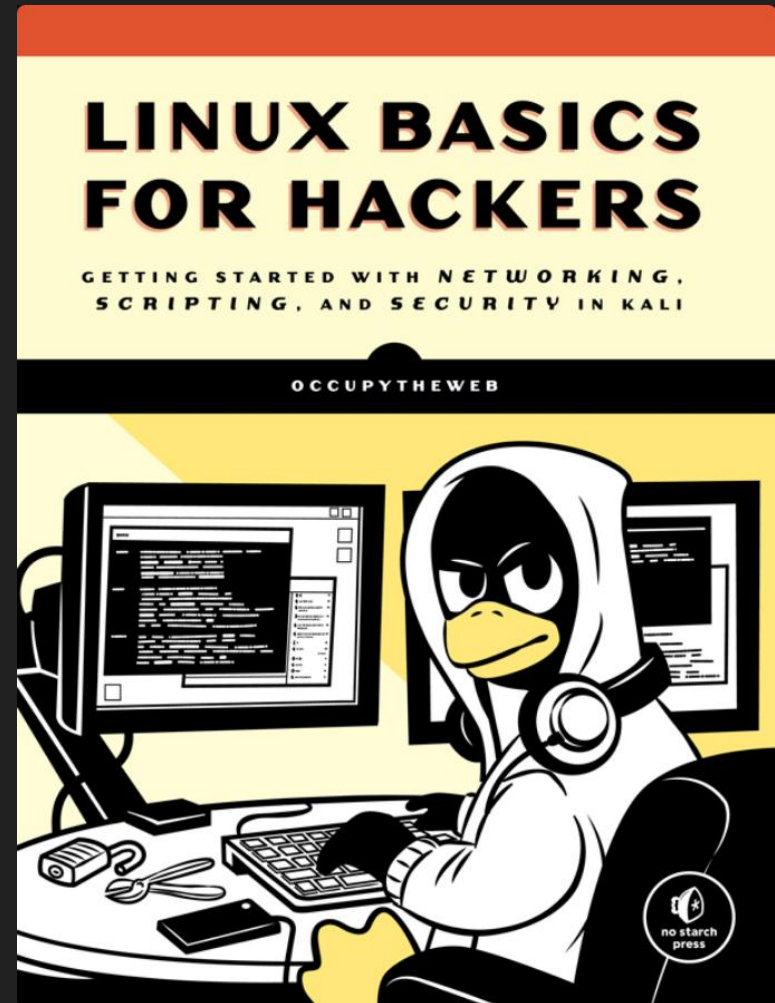How Cybersecurity Really Works

nostarch

2021

by Sam Grubb

Practical Materials
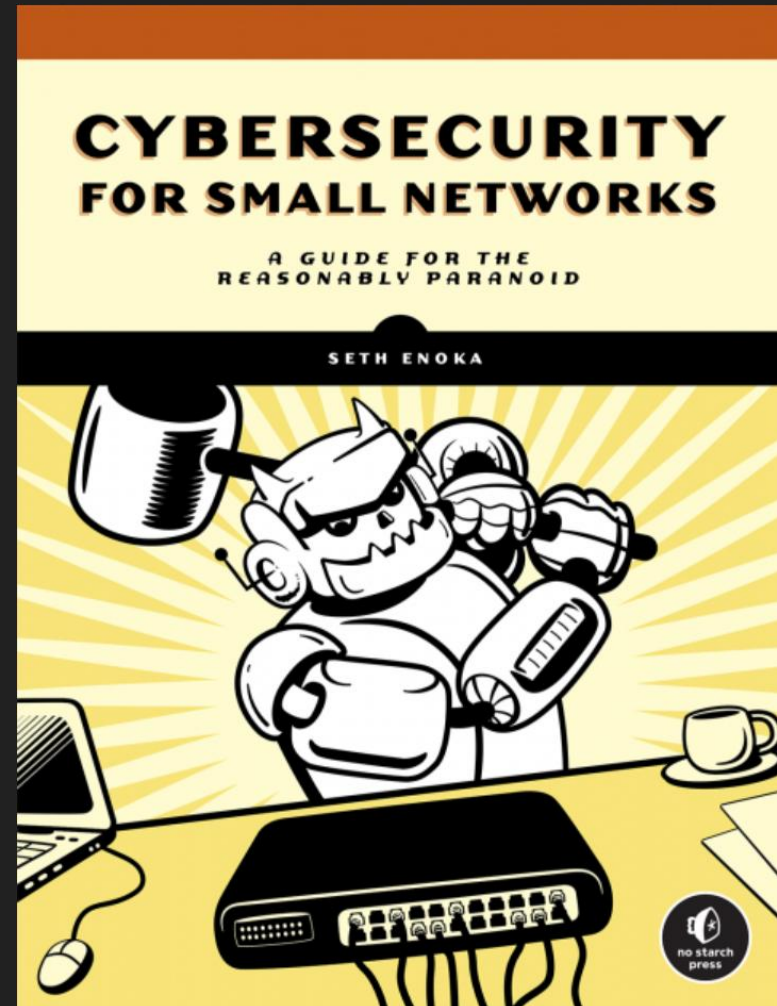
Linux Basics for Hackers

nostarch

2018

by OccupyTheWeb

Practical Materials

Cybersecurity for Small Networks

nostarch

2022

by Seth Enoka

My goal?

❖ Money!

❖ Free Time!!

❖ Love Teaching

My goal?
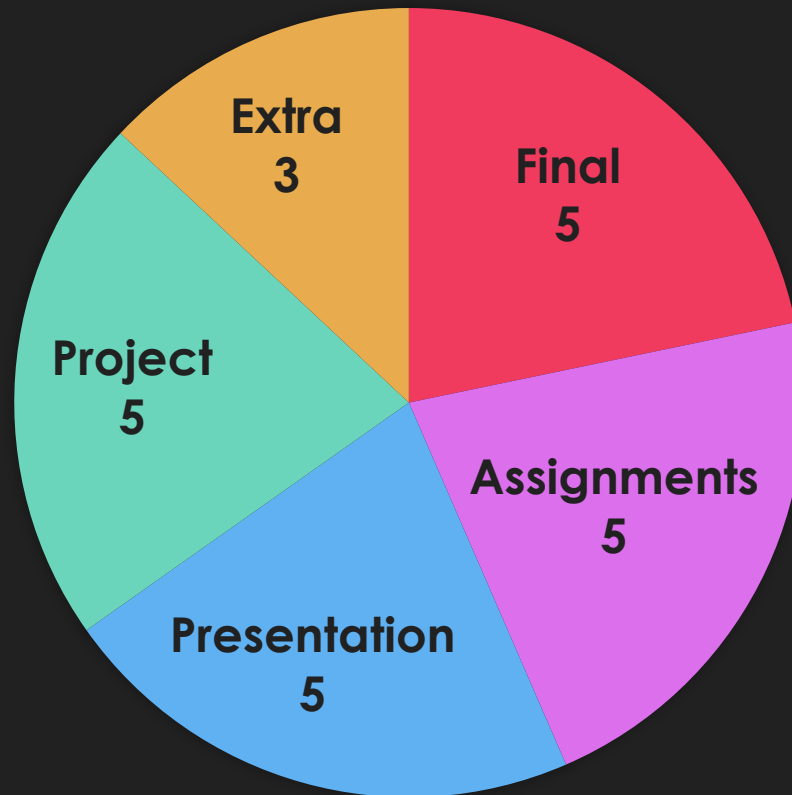

❖ ~~Money!~~

❖ ~~Free Time!!~~

❖ ~~Love Teaching~~

✓ Need for Applied cources

✓ Inovation!

✓ new experiences
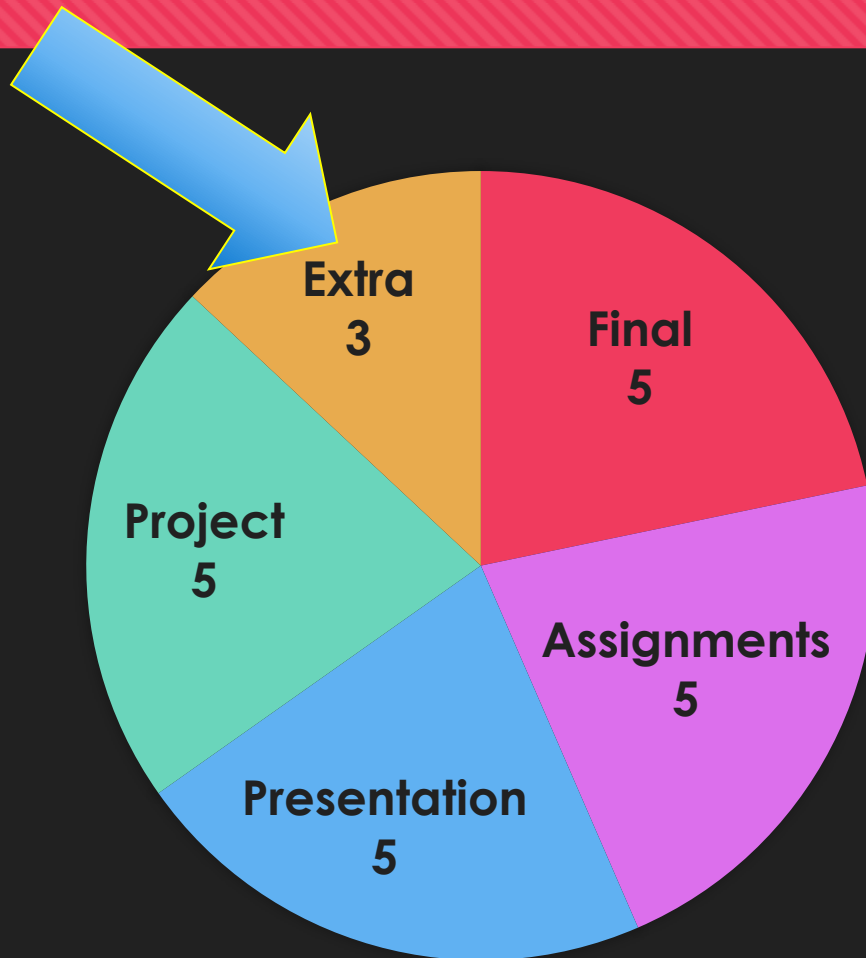
✓ Get Feedback

✓ Find new friends

What do you want to learn?

Grading Information

Grading Information

Rules

- ✓ Help & Learn Together
- ❖ No Record!!
- ❖ No Phone
- ❖ No Cheating
- ✓ Perfect Assignment

Why this Rules?

- ✓ Help & Learn Together
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- ❖ No Phone
- ❖ No Cheating
- ✓ Perfect Assignment

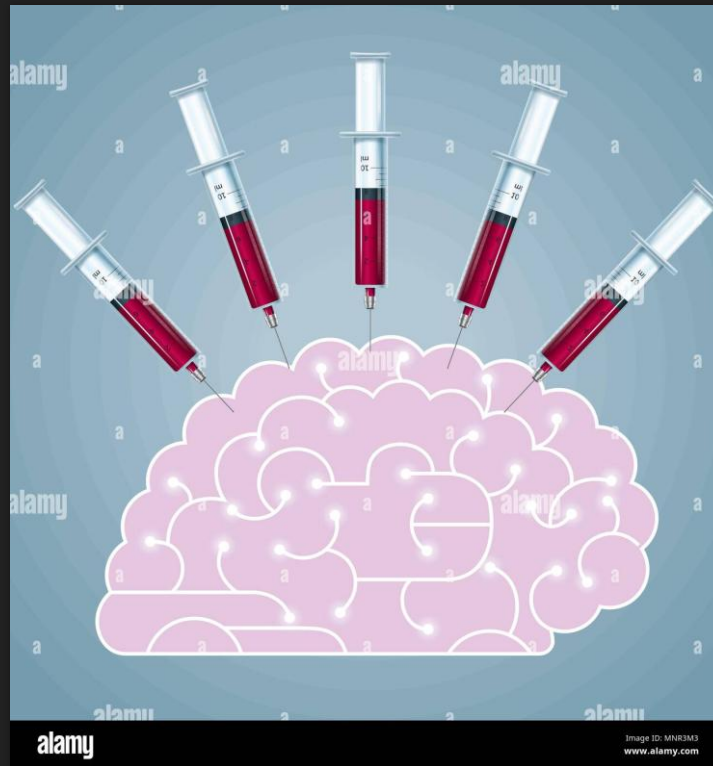# What is the best course you have ever taken?

Life Goal!?
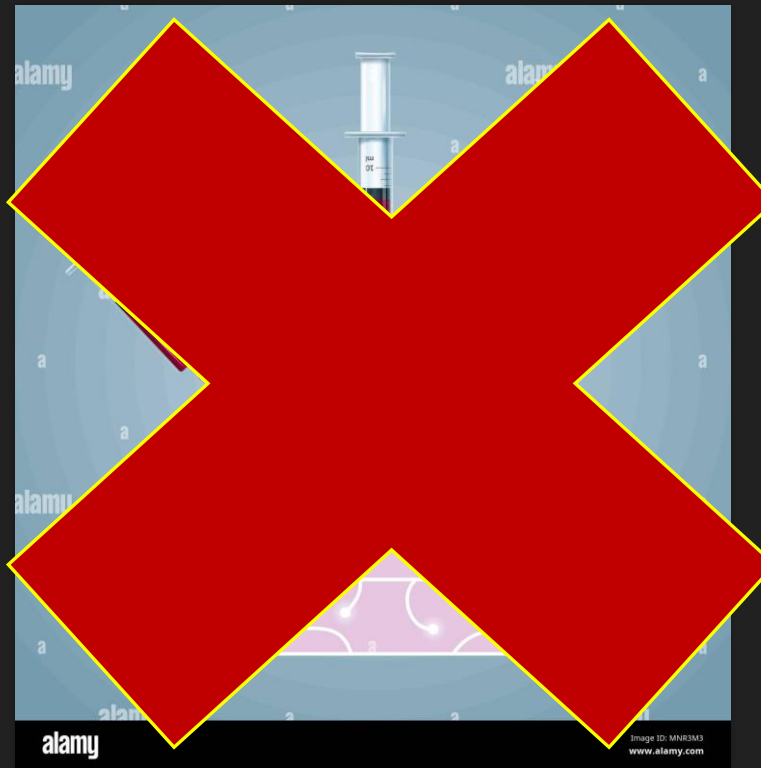
Is this course suitable for me?

Is this course suitable for me?

- Important courses
  - Programming
  - Data Structure
  - Computer Networks
  - Machine Learning
- This not last second course!
- Strongly Recommended

Is this course suitable for me?

Is this course suitable for me?

Any Question?