Unit 8: An Introduction to Algorithms and Basic Programming Concepts

Required Reading

- Read Chapters 5 and 12, Appendix D of your core text book: Brookshear, J. and Brylow, D. (2018), *Computer Science - An Overview.* 13th Ed. Harlow: Pearson.

Additional Reading

- Acm (n.d) Collected Algorithms.
- Dionysis, Z. (n.d) A gentle introduction to algorithm complexity analysis.
- Ericson, J (2019) Algorithms.
- An example program that identifies multiples written in Java: Meyer, H.B. (n.d.) Eratosthenes' sieve.
- Roughgarden, Tim. (n.d.) Design and analysis of algorithms.