

## **Computing Systems – Reading List**

**Module Name:** Computer System Architecture – Program Performance

**Lesson:** Lesson 2: Profiling a Program

### **Recommended Reading Material**

**Brief:** Introduction to program profiling, measuring performance, and understanding how Python tools like cProfile and pylint help identify performance bottlenecks.

#### **Books:**

1. Introduction to Computer Science using Python by Charles Dierbach — Chapter on Program Efficiency.
2. Python Programming: A Modular Approach by T. Budd — Section on Debugging and Profiling.

**Duration:** 20–25 minutes