Course: Computer Architecture Semester: 1st term 2025/2026.	Lecturers: Dr. ……. Assistant: Eng ……., Eng…….,
Tutorial 2: Computer Architecture	

Q1. Chapter 1 Review Questions:

Key Terms

arithmetic and logic unit (ALU) central processing unit (CPU) computer architecture	computer organization control unit input–output (I/O) main memory	processor registers system bus

Review Questions

1.1. What, in general terms, is the distinction between computer organization and computer architecture?
1.2. What, in general terms, is the distinction between computer structure and computer function?
1.3. What are the four main functions of a computer?
1.4. List and briefly define the main structural components of a computer.
1.5. List and briefly define the main structural components of a processor.

Q2. Draw a top–down view of the computer structure

Q3. Draw a diagram showing an operation involving data filtering of a recorded noisy soundtrack on the storage, then listening to it through the speakers