Week 10 Assignment 10

1. What is the key feature of a multi-core CPU?
2. What is the importance of core count in a multi-core CPU?

2. Which microcontroller (MCU) is used in the Arduino Uno board?
3. Explain the working of the Arduino Uno board.

3. What is the significance of software in a computer system?
4. Discuss the role of operating system in managing computer resources.

4. What is the purpose of a compiler in a computer system?
5. Explain the working of a compiler.

5. What is the role of an operating system in managing computer resources?
6. Discuss the importance of an operating system in computer systems.

6. What is the importance of programming languages in computer systems?
7. Explain the role of programming languages in software development.

7. What is the purpose of an operating system in managing computer resources?
8. Discuss the importance of an operating system in computer systems.

8. What is the role of an input device in a computer system?
9. Explain the working of an input device.

9. What is the role of a processor in a computer system?
10. Discuss the significance of a processor in computer systems.

10. What is the role of a memory in a computer system?
11. Explain the working of memory in computer systems.

11. What is the role of an output device in a computer system?
12. Discuss the importance of an output device in computer systems.

12. What is the purpose of an operating system in managing computer resources?
13. Discuss the importance of an operating system in computer systems.

13. What is the role of a compiler in a computer system?
14. Explain the working of a compiler.

14. What is the purpose of a multi-core CPU in a computer system?
15. Discuss the significance of a multi-core CPU in computer systems.