Quiz 1

Q1. What is the purpose of an assembler in assembly language programming?

Q2. Define the term "machine language" in the context of x86 processors.

Q3. What is meant by a “one-to-one” relationship between assembly language and machine language?

Q4. Name two types of applications that are better suited to assembly language than to high-level languages.

Q5. What does the acronym ASCII stand for, and what is its role in character representation?

Q6. Describe the process of converting an unsigned decimal integer to binary.

Q7. What is the significance of the Most Significant Bit (MSB) in signed binary integers?

Q8. What is the range of values for an 8-bit signed binary number?

Q9. Explain the difference between interpreters and translators in the context of virtual machines.

Q10. what boolean operator has the highest precedence among NOT, AND, and OR?