

## ملخص الملزمه الاولى نظري

### التعاريف

**Machine Code:** Machine Code a computer programming language consisting of binary (0 \_ 1) or hexadecimal instructions which a computer can respond to directly.

**machine language:** is a collection of binary digits or bits that the computer reads and interprets.

### التعداد

#### **Why the Machine language is required?**

- 1-**Machine languages are the only languages understood by computers.
- 2-**Machine Code, it can be used to directly control a computer's central processing unit (CPU)

### الفراغات

**ASCII** Is a standard that assigns letters, numbers, and other characters in the 256 slots available in the 8-bit code.

The ASCII decimal (Dec) number is created from **binary**.

ASCII was first developed and published in **1963** by the **X3 committee**.

The ASCII standard was first published as **ASA X3.4-1963**, with ten revisions of the standard being published between **1967** and **1986**.