1. Binary、octal、hex,positional number systems;

binary codes;

1. Computer only have two state “on” and “off”.
2. (78.125)10=(1010000.001) (876)10=(358)16

(B8A)16=(101110001010)2

1、The unsigned binary is used to represent the positive numbers.（>=0）

2、Advantages

Easy to present +/- numbers； perform binary multiplication and division

Can present equal number of positive and negative number

Disadvantage

Require the additional circuits

Not easy to perform the binary addition and subtraction

Provides two different representations of zero

1. （25）10-（15）10=11001-1111=1010

（15）10-（25）10=1111-11001=-1010