BCD Code: We represent each digit of decimal number in 4 Bits 18-bit Excess-3 Code: We represent a decimal Binary humber by adding '3' Gray Code:
Les Sequence of number represented as 1 bit Change.

Reflective Code:

LA code is reflective when the code is self complementing. Complement: Make all Zenver -> 1 & all Ones -> 0 Ex $x = 1010 \rightarrow x^{c} = 0101$ Self Complementing - Reflective Code 1011 -> x = 0100 Ex2 Self Complementing -> Reflective Code

0-16
Binc dec

8421 BCD Code, Excess-3 Code, 5421 BCD Code un are reflective Code * Gray Code One not reflective.

Decimal	BCD	XS-3	χ_{s}
0	0000	00 11	
1	0007	0100 E	405
2	0010	0101	300
3	20011	0110	2 =>7
4	01 00	0111	
5	F070 K	1000	0=>9
6	70110	1001	
7	70 777	1010	
8	0001	1011	
9	<u> </u>	1100	

Sequential Code:

> Each succeeding Code is one binary number greater than its preceding Code.

Ls Next

Brevious

Alphanumeric Code:

- -> A binary number can only understand 041.
- -> But it is not enough for Communication b/w two Computers.
- → We need (ede to orepresent 26 alphabets (small & Capital), and numbers from O to 9, punctuation marks & symbols.
- The codes that represents numbers alpha numeric Chanacters one Alfa Code
 Representation:
- (A) ASC 11 (American Standard Code for Information Interchange): 7 bit code
- (B) EBCD IC (Extended Binary Coded Decimal Interchange (ode): 8 bit Gode

(A) ASC 11 (American Standard Gode for Information Interchange) 4 7 bit Chanacter Code where every single bit represent a unique character. La Modern Character encoding Asci Char [decimal Code] Asci decimal =:610-9: 48 to 57 2:60 A-Z: 65 to 90 a - 3 : 97 to 1223: 29 : -> 28 a : 64 1: 92 7 : 63

: 62

(B) UNICOde (Universal Code)

It is an standard that consists encoding on referesentation of all the texts.

(all larguages) in binary furnat.

-> ~ 144697 Characters are represented in UNICODE