

- i. Weighted code is a code that obeys the positional weight system, every digit is assigned a specific weight based on its position. Examples; Binary Coded Decimal (BCD)
- ii. Non weighted codes is a type of code that the positional weights are not assigned. Eg; Excess-3 codes
- iii. 2421 code is a 4-bit application code where the binary weights carry 2,4,2,1 from left to right
- iv. 5211 code is also a 4-bit application code where the binary weights carry 5,2,1,1 from left to right
- v. Reflective codes can be observed that in 2421 and 5211 codes
- vi. Sequential codes are codes in which 2 subsequent numbers in binary representation differ by only one digit.
- vii. Excess-3 codes does not follow the binary weight and it's an important 4 bit code
- viii. Gray codes is a code where one bit will be different to the preceding number. It has very special place in digit elections.