Indiape of the control of the contro
Représent a number using différent forms using différent base value
using different base value.
Decimal number Systemisa la missione
base value - 10 - 14th pliest
Representation: - 0-9 digits and powers of 10. Ex-5:20 = 5x102 + 2x10' + 0x10°
Ex-5:20 = 5x102 + 2x10' + 0 x10°
Bingry number System
O SAME AND AND A SAME
base Value -2
11/20 \ 12
Representation: - 0/1 digits, powers of 2.
. 1 0 / 1 3 3 3
If subscript = 2, no is binary.
10102 = 1 x 23 + 0 x 22 + 1 x 2' + 0 x 2°
10102 = 1 x 23 + 0x 22 + 1 x 2' + 0x 2° * The subscript represents the base of edifferent no system.
Hexaderimal -> base value = 16
Representation: 0-15, power of 16
4ASC16 = 4x1163 + 10x162 + 5x16' +12x16°
9 19 115 X16
10 - A
11 - 3
12 - C
13 - 6
14- 5

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Conversion of Bingry to Decimal 1012 = 1x22 + 0x21 + 1x2° = 4+0+1 = 510 Conversion of Decimal to Binary Parity digit - 1/2 - To remainder (tosity even) (parity odd) Parity digit No (descined form) (Panity digit) remainster no (decimal form) Quotient. of = joulov and chamboloxy Electrolitations 14x12 = 17= AD 11102=14 (Binging) (Declinal)