Tuesday, May 26, 2015

.17 x 16=(2).72 x 16=(1).52 x 16=

La Repeat

> 0010 1111 0101. 0010 1011 1000 0101 0001 1110z

## b) 356.25,0-> Base 16

164.4 -> Base Z

4 0001 0110 0100.0100

3) 3BZ. 45,4 -> Base 6

$$+$$
  $5 \times \frac{1}{196} = \frac{5}{196}$ 

.311 x6= (D.866 x 6 = 6). 196 x6= (D.176 x 6=

9.176×6

3BZ, 45,4 ~ 3240, 15/1020032422550452131143534...6

10101

00 00

0111

```
17.7 -> Dase 10
                            4× 16 = 4
    L, 3865.25,
                           9 × 1 = 9
                            1×16=16
                           + F x 256 = 3 240
                             3865,75
5) 01 10 02 12. 20 20 103 -> Base 9
  1 3 2 5, 6 6 3<sub>q</sub>
   L= 1325.663,
(a) 1111 1111 1111
   +1001 -1001 x1001
   11000 0110
                   +1111000
                   10000111
  6) 1111001 1111
                                  1111001
    + 110110 - 110110
                                   X 110110
                                  , 11116010
    10161111 1000011
                                + 111100100
                              101001106110
                            +111100100000
                            1100110000110
  c) 110110 +701X0
                             110110
    + 11001 - 11001
                              X 11001
                              110110
    1001111 11101
                           +110110000
                          111100110
                         +1101100000
                        10101000116
7) a) 222.2,0 -> Base 16
                       16/222 = 13 R14
    16/13 = 0 R13
                        .2 x16=32
                               La Repeat
     DE.3 - ASCII
        L> 1000100 1000101 0101110 010011
  b) 181.18,0 -> Buse 16
                        16/181 = 11 R 5
     4) B5. ZE147A 16
                        16/11 = 0
                                  RII
                         18x16= 2.28x16 = (14).09 x16=
                        D. 29x16 = 9.48 x16 = D.68 x 16 =
                       (10).48
                          La Repeat
     B5, ZE147A -> ASCII
      L> 1000010 0110101 010110 0110010 1000101
           0110001 011010 0110111 1000001
```

A 1', carrie L.

## 8) L's Compilent:

$$\frac{01011}{-11000} \Rightarrow \frac{01011}{10010}$$

$$\frac{10101}{-11010} \rightarrow \frac{10101}{11010}$$

## Z's Complinent:

$$\frac{01011 \Rightarrow 01011}{-11000} + 01000}{10011}$$

9)