

37)  $144_2$

$\begin{array}{c} 1 \\ \downarrow \\ 001 \end{array}$ 
 $\begin{array}{c} 4 \\ \downarrow \\ 100 \end{array}$ 
 $\begin{array}{c} 4 \\ \downarrow \\ 100 \end{array}$

$$144 = 1100100_2 //$$

38)  $125,36$

$\begin{array}{c} 1 \\ \downarrow \\ 001 \end{array}$ 
 $\begin{array}{c} 2 \\ \downarrow \\ 010 \end{array}$ 
 $\begin{array}{c} 5 \\ \downarrow \\ 101 \end{array}$ 
 $\begin{array}{c} 3 \\ \downarrow \\ 011 \end{array}$ 
 $\begin{array}{c} 6 \\ \downarrow \\ 110 \end{array}$

$$= 1010101,011110_2 //$$

39)  $825,301_8$

$\begin{array}{c} 8 \\ \downarrow \\ 1000 \end{array}$ 
 $\begin{array}{c} 2 \\ \downarrow \\ 010 \end{array}$ 
 $\begin{array}{c} 5 \\ \downarrow \\ 101 \end{array}$ 
 $\begin{array}{c} 3 \\ \downarrow \\ 011 \end{array}$ 
 $\begin{array}{c} 0 \\ \downarrow \\ 000 \end{array}$ 
 $\begin{array}{c} 1 \\ \downarrow \\ 001 \end{array}$

$$= 1000010101,011000001_2 //$$

40)  $1025,047_2$

$\begin{array}{c} 1 \\ \downarrow \\ 001 \end{array}$ 
 $\begin{array}{c} 0 \\ \downarrow \\ 000 \end{array}$ 
 $\begin{array}{c} 2 \\ \downarrow \\ 010 \end{array}$ 
 $\begin{array}{c} 5 \\ \downarrow \\ 101 \end{array}$ 
 $\begin{array}{c} 0 \\ \downarrow \\ 000 \end{array}$ 
 $\begin{array}{c} 4 \\ \downarrow \\ 100 \end{array}$ 
 $\begin{array}{c} 7 \\ \downarrow \\ 111 \end{array}$

$$= 1000010101,00010011_2 //$$

Conversión Binario-octal

41)  $1100100_8$

$\begin{array}{c} 001 \\ \downarrow \\ 1 \end{array}$ 
 $\begin{array}{c} 100 \\ \downarrow \\ 4 \end{array}$ 
 $\begin{array}{c} 100 \\ \downarrow \\ 4 \end{array}$

$$= 144_8 //$$

42)  $1011,0101_8$

$\begin{array}{c} 001 \\ \downarrow \\ 1 \end{array}$ 
 $\begin{array}{c} 011 \\ \downarrow \\ 3 \end{array}$ 
 $\begin{array}{c} 010 \\ \downarrow \\ 2 \end{array}$ 
 $\begin{array}{c} 100 \\ \downarrow \\ 4 \end{array}$

$$= 13,24_8 //$$

43)  $10011,1101_8$

$\begin{array}{c} 010 \\ \downarrow \\ 2 \end{array}$ 
 $\begin{array}{c} 011 \\ \downarrow \\ 3 \end{array}$ 
 $\begin{array}{c} 110 \\ \downarrow \\ 6 \end{array}$ 
 $\begin{array}{c} 100 \\ \downarrow \\ 4 \end{array}$

$$= 23,64_8 //$$



44)  $1101_2$ 

$$\begin{array}{c} 011 \\ \downarrow \\ 3 \end{array}, \begin{array}{c} 010 \\ \downarrow \\ 2 \end{array} = 3,2_{10}$$

Conversion de hexadecimal binario

45)  $2BC_{16}$ 

$$\begin{array}{c} 2 \\ \downarrow \\ 0010 \end{array} \quad \begin{array}{c} B \\ \downarrow \\ 1011 \end{array} \quad \begin{array}{c} C \\ \downarrow \\ 1100 \end{array} = 1010111100_2 //$$

46)  $1BD,3A_{16}$ 

$$\begin{array}{c} 1 \\ \downarrow \\ 0001 \end{array} \quad \begin{array}{c} B \\ \downarrow \\ 1011 \end{array} \quad \begin{array}{c} D \\ \downarrow \\ 1101 \end{array}, \begin{array}{c} 3 \\ \downarrow \\ 0011 \end{array} \quad \begin{array}{c} A \\ \downarrow \\ 1010 \end{array} = 1101110100111010_2 //$$

47)  $EEFB,AD_{16}$ 

$$\begin{array}{c} E \\ \downarrow \\ 1110 \end{array} \quad \begin{array}{c} E \\ \downarrow \\ 1110 \end{array} \quad \begin{array}{c} F \\ \downarrow \\ 1111 \end{array} \quad \begin{array}{c} B \\ \downarrow \\ 1011 \end{array}, \begin{array}{c} A \\ \downarrow \\ 1010 \end{array} \quad \begin{array}{c} D \\ \downarrow \\ 1101 \end{array} = 11101110111011011010_2 //$$

48)  $A1DF,12_{16}$ 

$$\begin{array}{c} A \\ \downarrow \\ 1010 \end{array} \quad \begin{array}{c} 1 \\ \downarrow \\ 0001 \end{array} \quad \begin{array}{c} D \\ \downarrow \\ 1101 \end{array} \quad \begin{array}{c} F \\ \downarrow \\ 1111 \end{array}, \begin{array}{c} 1 \\ \downarrow \\ 0001 \end{array} \quad \begin{array}{c} 2 \\ \downarrow \\ 0010 \end{array} = 10100001101111,00010010_2 //$$

Conversion Binario-Hexadecimal

49)  $100101100_2$ 

$$\begin{array}{c} 0001 \\ \downarrow \\ 1 \end{array} \quad \begin{array}{c} 0010 \\ \downarrow \\ 2 \end{array} \quad \begin{array}{c} 1100 \\ \downarrow \\ C \end{array} = 12C_{16} //$$



50)  $11011,01011_2$ 

0001

↓  
1

1011

↓  
B

0101

↓  
5

1000

↓  
8 $= 1B,58_{16} //$ 51)  $11,100011_2$ 

0011

↓  
3

1000

↓  
8

1100

↓  
C $= 3,8C_{16} //$ 52)  $10110011,11110011_2$ 

0001

↓  
1

0110

↓  
6

0111

↓  
7

1111

↓  
F

0011

↓  
3 $= 167,F3_{16} //$ 

Conversion Octal - Hexadecimal

53)  $144_8$ 

|     |     |     |
|-----|-----|-----|
| 1   | 4   | 4   |
| ↓   | ↓   | ↓   |
| 001 | 100 | 100 |

0110 0100

 $= 64_{16} //$ 54)  $165,2301_8$ 

1

↓  
001

6

↓  
110

5

↓  
101

2

↓  
010

3

↓  
011

0

↓  
000

1

↓  
001

0111 0101

0100

1100

0001

 $= 75,4C_{16} //$ 55)  $4575,07601_8$ 

4

↓  
100

5

↓  
101

7

↓  
111

5

↓  
101

0

↓  
000

7

↓  
111

6

↓  
110

0

↓  
000

1

↓  
001

1001

0111

1101

0001

1111

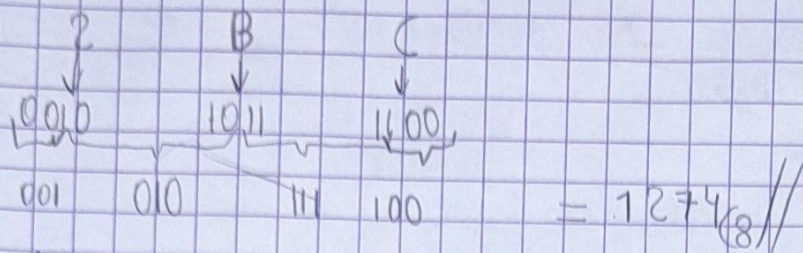
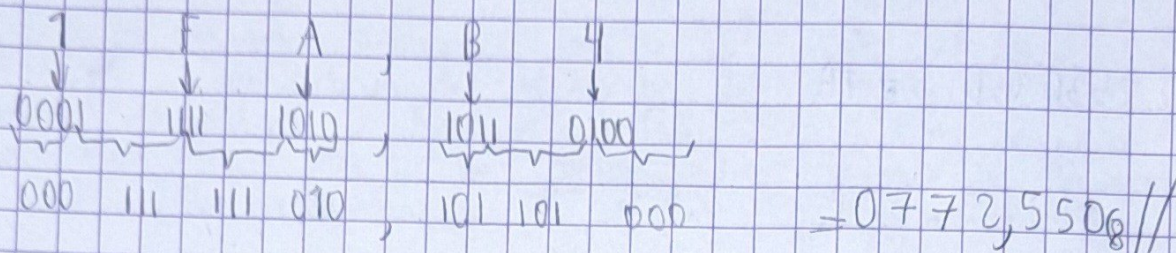
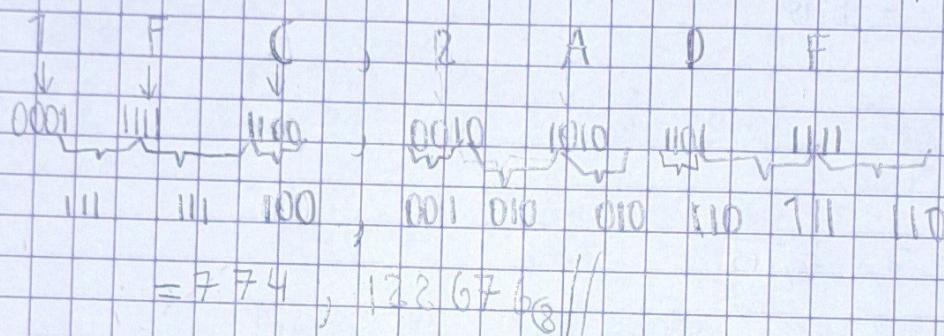
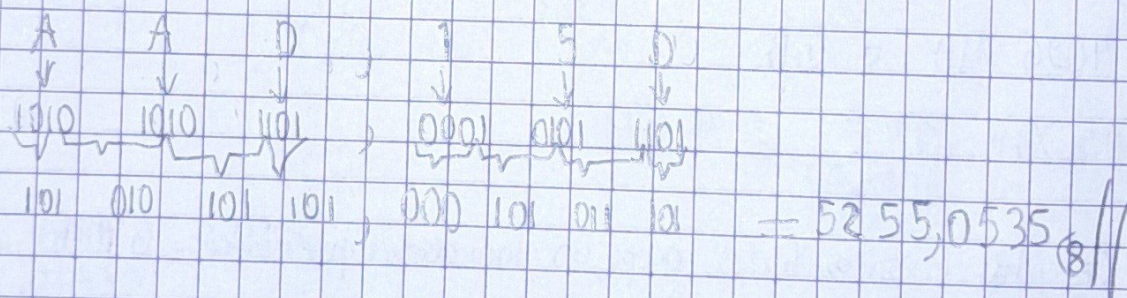
0000

0010

 $= 97D,7F02_{16} //$



## Conversion Hexadecimal - Octal

56)  $2BC_{16}$ 57)  $1FA, B4_{16}$ 58)  $1FC, 2ADF_{16}$ 59)  $AAD, 15D_{16}$ 

Fin Parte II