

## Atividade Sistemas Operacionais

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Curso: Análise e Desenvolvimento de Sistemas

Semestre: 1º

1)

1101	1110	0101	1100	U	L	P	1110	,		1101	1010	V	1110	,
D	E	S	C	U	L	P	E	,		D	A	V	E	,
1110	0101	T	0000	U		1100	0000	M		M	1110	1101	0000	
E	S	T	O	U		C	O	M		M	E	D	O	
1110		N	1010	0000		P	0000	0101	0101	0000				
E		N	A	O		P	O	S	S	O				
1111	1010	Z	1110	R		0001	0101	0101	0000					
F	A	Z	E	R		I	S	S	O					

Restª: **Desculpe, Dave, estou com medo e não posso fazer isso.**

2)

a) 86d para hexadecimal

128	64	32	16	8	4	2	1
0	1	0	1	0	1	1	0
8	4	2	1	8	4	2	1
5				6			

Rtª = 56 hexadecimal

b) 56 d para binário

128	64	32	16	8	4	2	1
0	0	1	1	1	0	0	0

Rtª: 111000 b

c) 46hex para decimal

4				6			
8	4	2	1	8	4	2	1
0	1	0	0	0	1	1	0
128	64	38	16	8	4	2	1
64 + 4 + 2 = 70							

Restª = 70d

d) 00110110b para decimal

0	0	1	1	0	1	1	0
128	64	32	16	8	4	2	1
32 + 16 + 4 + 2 = 54 d							

Rtª: 54 decimal

e) 54o para decimal

5				4			
	4	2	1		4	2	1
	1	0	1		1	0	0
	32	16	8		4	2	1
32 + 8 + 4 = 44 d							

Restª= 44 Decimal

f) 543d para hexadecimal

512	256	128	64	32	16	8	4	2	1
1	0	0	0	0	1	1	1	1	1
2	1	8	4	2	1	8	4	2	1
		1				f			

**g) B7h para decimal**

B				7			
8	4	2	1	8	4	2	1
1	0	1	1	0	1	1	1
128	64	32	16	8	4	2	1
128 + 32 + 16 + 4 + 2 + 1 = 183 DECIMAL							

H) 10011101b para decimal

1	0	0	1	1	1	0	1
128	64	32	16	8	4	2	1
128 + 16 + 8 + 4 + 1 = 157 decimal							

**I) 130 d para octal**

128	64	32	16	8	4	2	1
1	0	0	0	0	0	1	0
2	1	4	2	1	4	2	1
2		0			2		
202 octal							

3)

A)

A	B	C	D	Y
0	0	0	0	0
0	0	0	1	0
0	0	1	0	0
0	0	1	1	0
0	1	0	0	1
0	1	0	1	0
0	1	1	0	1
0	1	1	1	0
1	0	0	0	0
1	0	0	1	0
1	0	1	0	0
1	0	1	1	0
1	1	0	0	1
1	1	0	1	0
1	1	1	0	1
1	1	1	1	0

**B)**

N	M	L	K	J	P
0	0	0	0	0	0
0	0	0	0	1	0
0	0	0	1	0	0
0	0	0	1	1	0
0	0	1	0	0	0
0	0	1	0	1	1
0	0	1	1	0	1
0	0	1	1	1	0
0	1	0	0	0	0
0	1	0	0	1	0
0	1	0	1	0	0
0	1	0	1	1	0
0	1	1	0	0	0
0	1	1	0	1	1
0	1	1	1	0	1
0	1	1	1	1	0
1	0	0	0	0	0
1	0	0	0	1	0
1	0	0	1	0	0
1	0	0	1	1	0
1	0	1	0	0	0
1	0	1	0	1	1
1	0	1	1	0	1
1	0	1	1	1	0
1	1	0	0	0	0
1	1	0	0	1	0
1	1	0	1	0	0
1	1	0	1	1	0
1	1	1	0	0	0
1	1	1	0	1	0
1	1	1	1	0	0
1	1	1	1	1	0
1	1	1	0	0	0
1	1	1	0	1	1
1	1	1	1	0	0
1	1	1	1	1	0

c)

C	B	A	S
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	1
1	0	1	1
1	1	0	1
1	1	1	1

d)

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

E)

E	D	C	B	A	S
0	0	0	0	0	1
0	0	0	0	1	1
0	0	0	1	0	1
0	0	0	1	1	1
0	0	1	0	0	0
0	0	1	0	1	0
0	0	1	1	0	0
0	0	1	1	1	1
0	1	0	0	0	0
0	1	0	0	1	1
0	1	0	1	0	0
0	1	0	1	1	0
0	1	1	0	0	0
0	1	1	0	1	0
0	1	1	1	0	0
0	1	1	1	1	0
1	0	0	0	0	0
1	0	0	0	1	0
1	0	0	1	0	0
1	0	0	1	1	0
1	0	1	0	0	1
1	0	1	0	1	1
1	0	1	1	0	1
1	0	1	1	1	0
1	1	0	0	0	1
1	1	0	0	1	1
1	1	0	1	0	1
1	1	1	0	0	1
1	1	1	0	1	1
1	1	1	1	0	1
1	1	1	1	1	1

F)

P	Q	R	S	W	Z
0	0	0	0	0	0
0	0	0	1	1	1
0	0	1	0	1	1
0	0	1	1	1	0
0	1	0	0	1	1
0	1	0	1	0	1
0	1	1	0	1	1
0	1	1	1	0	0
1	0	0	0	1	0
1	0	0	1	0	1
1	0	1	0	1	1
1	0	1	1	0	0
1	1	0	0	1	1
1	1	0	1	0	0
1	1	1	0	1	1
1	1	1	1	0	0