LISTA DE EXERCÍCIOS 03 - IOC

1 – Execute as somas binárias:

(a)11111010+10101010	(b)10101011+10101	(c)10010001+1111
(d)1110+101	(e)10110+1011	(f)100001+111111

2 – Execute as subtrações binárias:

(a)100101-1110	(b)11010100-11000011	(c)1010101-1101
(d)11111010-10101010	(e)10001010-10101	(f)10000-1001
(g)10110-1011	(h)110101-101010	(i)110011-1111

3 – Execute as divisões binárias:

(a)100011÷101	(b)100100÷110	(c)1001011÷1111
(d)10101111÷11001	(e)11110100÷111101	(f)100010111÷11111

4 – Execute as somas em hexadecimal:

(a) 23B7D5H + 3A943BH	(b) EFFH + FF1H
(c) 10EFBCH + EF1043H	(d) E00F99H + FF100H

5 – Execute as subtrações em hexadecimal:

(a) 200H - FEH	(b) 70011H - FFH
(c) BCDEFH – ACDFEH	(d) FCDF8H – FBDF9H

RESPOSTAS:

1 – Execute as somas binárias:

(a)110100100	(b)11000000	(c)10100000
(d)10011	(e)100001	(f)1100000

2 – Execute as subtrações binárias:

(a)10111	(b)10001	(c)1001000
(d)1010000	(e)1110101	(f)111
(g)1011	(h)1011	(i)100100

3 – Execute as divisões binárias:

(a)111	(b)110	(c)11
(d)111	(e)100	(f)1001

4 – Execute as somas em hexadecimal:

(a) 5E4C10H	(b) 1EF0H
(c) FFFFFFH	(d) F00099H

5 – Execute as subtrações em hexadecimal:

(a) 102H	(b) 6FF12H
(c) FFF1H	(d) FFFH