a)
$$\frac{1}{HTTF_{918}} = \frac{1}{MTTF_{400}} + \frac{1}{MTTF_{4010}} + \frac{1}{MTTF_{4010}} + \frac{1}{MTTF_{4010}} + \frac{1}{MTTF_{4010}} + \frac{1}{MTTF_{4010}} = \frac{1}{10000} = \frac{1}{100000} = \frac{1}{10000} = \frac{1}{100000} = \frac{1}{10000} = \frac{1}{100000} = \frac{1}{10000} = \frac{1}{100000} = \frac{1}{10000} = \frac{1}{1000$$

2.1) x = 0x66 , y = 0x43

Expression	Valor bimario	rator hexa	Exp.	ralor dim	valor hexa
Xay	000 0010	0 x 0 2	X8& Y	0000 0001	0x01
114	1111 0111	ox F7	xIly	0000 0001	oxol
~x 1~7	1111 1101	ox FD	1x11!7	0000 0000	0×00
x & !y	0000 0000	0100	x & & ~ y	0000 0001	0001

z) ×		X <<< 4		X>> 3 (lógiw)		x >> 3 (wtmetiw)	
hex	bim	nex	bim	hex	bim	hex	bim
OXFO	1111 0000	0x00	0000 0000	OxIE	000 1110	OXFE	1111 1110
OXOF	0000 1111	Ó×Fυ	1111 0000	aul	0000 0001	0×01	0000 0001
Ox C C	1100 1100	0.00	1100 0000	0x19	0001 1001	0459	1911 1001
0×55	0101 0101	0×50	0101 0000	OXOA	0000 1010	OXOA	0000 1010
0180	1000 0000	0x 00	0000 0000	0110	0001 000	0xF0	1111 0000
0x02	0000 0010	óx10	0010 0000	000	0000 0000	0200	wo owo

2.5) char A [256] char raka (256) lox (lorti=0; i < 256; i++) Ali] = tabla [Ali]];

movl \$A, %eax 11/eax A

movl \$lash, %ebx 11/ebx = table

movl \$0, %ecx 11/exx = i

for 11/exx = i

sale si i>256

se sifer 11/eax = Extruga (Ali)

movb {%ebx, %edx}, %edx 11/de = table (Ali)

movb {%ebx, %edx}, %ell 11/de = table (Ali)

enovb %ebx, %edx}, %exy 1/Ali)=table (1)

incl %ecx

jump for

didor:

7.6)

int "supresa (mti, int"x) }

1) (1>-10 && i<10)

"X = i;

else

X = &i;

return X;

draw {

""

""

""

surpresa: Push l % ebp // deixo exai * supresa

contra al sejient elem.

moul f.exp, // ebp // febx + & (x eb) (i)

mort 11 (7ebp), 7.ecx 11/2004 11(xbp) (xx)

compl. 1222 11 i > -10

\$-10, 7.ebx

| solve si i = -110

compl. \$10, 7.ebx | i × 10

jse else | 11 salle in i > 10

mort 7.ebx, (7.ecx) 11 x = i

jump return

ehe: leal 8(1.ebp), + ebx 1 1-ebx= &i
move 1.ebx, 12(1.ebp) 1 x= &i

return: mort 12(1.ebp), 1.eax 1/ ochor x

ppl (1.ebp) 1/ arm pla.

ret 1/ eig + n(1eg)
1-ep + 1ep+4