

Ejercicio 1.

Letra	Código	Numero Binario
E	69	01000101
m	109	01101101
p	112	01110000
e	101	01100101
z	122	01111010
a	97	01100001
o	111	01101111
s	115	01110011
	32	00100000

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
69	34	17	8	4	2	1	0
1	0	1	0	0	0	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
109	54	27	13	6	3	1	0
1	0	1	1	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
112	56	28	14	7	3	1	0
0	0	0	0	1	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
101	50	25	12	6	3	1	0
1	0	1	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
122	61	30	15	7	3	1	0
0	1	0	1	1	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
97	48	24	12	6	3	1	0
1	0	0	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
111	55	27	13	6	3	1	0
1	1	1	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
115	57	28	14	7	3	1	0
1	1	0	0	1	1	1	0

2^6	2^5	2^4	2^3	2^2	2^1	2^0	
32	16	8	4	2	1	0	0
0	0	0	0	0	1	0	0

Letra	Código ASCII	Numero Binario
e	101	01100101
I	108	01101100
	32	00100000

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
101	50	25	12	6	3	1	0
1	0	1	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
108	54	27	13	6	3	1	0
0	0	1	1	0	1	1	0

2^6	2^5	2^4	2^3	2^2	2^1	2^0	
32	16	8	4	2	1	0	0
0	0	0	0	0	1	0	0

Letra	Código ASCII	Numero Binario
t	116	01110100
é	130	10000010
c	99	01100011
n	110	01101110
i	105	01101001
c	99	01100011
o	111	01101111
	32	00100000

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
116	58	29	14	7	3	1	0
0	0	1	0	1	1	1	0

2^8	2^7	2^6	2^5	2^4	2^3	2^2	2^1
130	65	32	16	8	4	2	1
0	1	0	0	0	0	0	1

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
99	49	24	12	6	3	1	0
1	1	0	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
110	55	27	13	6	3	1	0
0	1	1	1	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
105	52	26	13	6	3	1	0
1	0	0	1	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
99	49	24	12	6	6	1	0
1	1	0	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
111	55	27	13	6	3	1	0
1	1	1	1	0	1	1	0

2^6	2^5	2^4	2^3	2^2	2^1	2^0	
32	16	8	4	2	1	0	0
0	0	0	0	0	1	0	0

Letra	Código ASCII	Numero Binario
e	101	01100101
n	110	01101110
	32	00100000

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
101	50	25	12	6	3	1	0
1	0	1	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
110	55	27	13	6	3	1	0
0	1	1	1	0	1	1	0

2^6	2^5	2^4	2^3	2^2	2^1	2^0	
32	16	8	4	2	1	0	0
0	0	0	0	0	1	0	0

Letra	Código ASCII	Numero Binario
I	108	01101100
a	97	01100001
	32	00100000

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
108	54	27	13	6	3	1	0
0	0	1	1	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
97	48	24	12	6	3	1	0
1	0	0	0	0	1	1	0

2^6	2^5	2^4	2^3	2^2	2^1	2^0	
32	16	8	4	2	1	0	0
0	0	0	0	0	1	0	0

Letra	Código ASCII	Numero Binario
U	85	01010101
n	110	01101110
i	105	01101001
v	118	01110110
e	101	01100101
r	114	01110010
s	115	01110011
d	100	01100100
a	97	01100001
	32	00100000

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
85	42	21	10	5	2	1	0
1	0	1	0	1	0	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
110	55	27	13	6	3	1	0
0	1	1	1	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
105	52	26	13	6	3	1	0
1	0	0	1	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
118	59	29	14	7	3	1	0
0	1	1	0	1	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
101	50	25	12	6	3	1	0
1	0	1	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
114	57	28	14	7	3	1	0
0	1	0	0	1	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
115	57	28	14	7	3	1	0
1	1	0	0	1	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
105	52	26	13	6	3	1	0
1	0	0	1	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
100	50	25	12	6	3	1	0
0	0	1	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
97	48	24	12	6	3	1	0
1	0	0	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
100	50	25	12	6	3	1	0
0	0	1	0	0	1	1	0

2^6	2^5	2^4	2^3	2^2	2^1	2^0	
32	16	8	4	2	1	0	0
0	0	0	0	0	1	0	0

Letra	Código ASCII	Numero Binario
G	71	01000111
a	97	01100001
l	108	01101100
i	105	01101001
e	101	01100101
o	111	01101111
.	46	00101110

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
71	35	17	8	4	2	1	0
1	1	1	0	0	0	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
97	48	24	12	6	3	1	0
1	0	0	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
108	54	27	13	6	3	1	0
0	0	1	1	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
105	52	26	13	6	3	1	0
1	0	0	1	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
108	54	27	13	6	3	1	0
0	0	1	1	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
101	50	25	12	6	3	1	0
0	0	1	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
111	55	27	13	6	3	1	0
1	1	1	1	0	1	1	0

2^6	2^5	2^4	2^3	2^2	2^1	2^0	
46	23	11	5	2	1	0	0
0	1	1	1	0	1	0	0

2. Ejercicio mi nombre traducido a números Binarios.

Letra	Código ASCII	Numero Binario
S	83	01010011
a	97	01100001
r	114	01110010
	32	00100000

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
83	41	20	10	5	2	1	0
1	1	0	0	1	0	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
97	48	24	12	6	3	1	0
1	0	0	0	0	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
114	57	28	14	7	3	1	0
0	1	0	0	1	1	1	0

2^6	2^5	2^4	2^3	2^2	2^1	2^0	
32	16	8	4	2	1	0	0
0	0	0	0	0	1	0	0

Letra	Código ASCII	Numero Binario
T	84	01010100
u	117	01110101
r	114	01110010
a	97	01100001

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
84	42	21	10	5	2	1	0
0	0	1	0	1	0	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
117	58	29	14	7	3	1	0
1	0	1	0	1	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
114	57	28	14	7	3	1	0
0	1	0	0	1	1	1	0

2^7	2^6	2^5	2^4	2^3	2^2	2^1	2^0
97	48	24	12	6	3	1	0
1	0	0	0	0	1	1	0