P2 - Resultados: convert_numbers.py

TC4017 - Calidad de Software | Tecnologico de Monterrey

Ejecucion: TC1.txt

```
$ python convert_numbers.py TC1.txt

TC1 BIN HEX
ITEM
1 6980368 11010101000001100010000 6A8310
2 5517055 10101000010111011111111 542EFF
3 1336159 101000110001101011111 14635F
4 6750185 11001101111111111101001 66FFE9
5 1771937 110110000100110100001 1B09A1
6 360952 1011000000111111000 581F8
7 5672561 10101101000111001110001 568E71
8 916583 11011111110001100111 DFC67
9 2700138 1010010011001101101010 29336A
10 9645053 100100110010101111111101 932BFD
11 1181110 100100000010110110110 1205B6
12 1492185 101101100010011011001 16C4D9
13 4018595 1111010101000110100011 3D51A3
14 7654888 11101001100110111101000 74CDE8
15 7062453 11010111100001110110101 6BC3B5
16 2478010 1001011100111110111010 25CFBA
17 6134768 10111011001101111110000 5D9BF0
18 8420417 100000000111110001000001 807C41
19 2917489 1011001000010001110001 2C8471
20 3340773 1100101111100111100101 32F9E5
21 1115956 100010000011100110100 110734
22 9172192 100010111111010011100000 8BF4E0
23 6271996 10111111011001111111100 5FB3FC
24 8686939 100001001000110101011011 848D5B
25 50986 1100011100101010 C72A
26 9376410 100011110001001010011010 8F129A
27 5962327 10110101111101001010111 5AFA57
28 7686891 11101010100101011101011 754AEB
29 6615183 11001001111000010001111 64F08F
30 1864844 111000111010010001100 1C748C
31 3329962 1100101100111110101010 32CFAA
32 3942794 1111000010100110001010 3C298A
33 2614836 1001111110011000110100 27E634
34 7406772 11100010000010010110100 7104B4
35 2384190 1001000110000100111110 24613E
36 398347 1100001010000001011 6140B
37 8698503 100001001011101010000111 84BA87
38 9551696 100100011011111101010000 91BF50
39 1019556 11111000110010100100 F8EA4
40 1677430 110011001100001110110 199876
41 3479629 1101010001100001001101 35184D
42 9309008 100011100000101101010000 8E0B50
43 5266170 10100000101101011111010 505AFA
44 4094340 1111100111100110000100 3E7984
45 1754055 110101100001111000111 1AC3C7
46 5861132 10110010110111100001100 596F0C
47 4471329 10001000011101000100001 443A21
48 8826052 100001101010110011000100 86ACC4
49 7469325 11100011111100100001101 71F90D
50 1973172 111100001101110110100 1E1BB4
51 53145 1100111110011001 CF99
52 3897508 1110110111100010100100 3B78A4
53 7773386 11101101001100011001010 769CCA
54 6089829 10111001110110001100101 5CEC65
55 4223424 10000000111000111000000 4071C0
56 9761752 100101001111001111011000 94F3D8
57 7930799 11110010000001110101111 7903AF
58 3597495 1101101110010010110111 36E4B7
59 9302948 100011011111001110100100 8DF3A4
60 2288712 1000101110110001001000 22EC48
61 197187 110000001001000011 30243
62 5266939 10100000101110111111011 505DFB
63 221545 110110000101101001 36169
64 7957027 11110010101101010000100011 796A23
```

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65 3195361 1100001100000111100001 30C1E1
66 7106269 11011000110111011011101 6C6EDD
67 9633312 100100101111111000100000 92FE20
68 9713704 100101000011100000101000 943828
69 91925 10110011100010101 16715
70 4418686 10000110110110001111110 436C7E
71 9682250 100100111011110101001010 93BD4A
72 2583824 1001110110110100010000 276D10
73 4979126 10010111111100110110110 4BF9B6
74 6280954 10111111101011011111010 5FD6FA
75 1228610 100101011111101000010 12BF42
76 705518 10101100001111101110 AC3EE
77 1017653 11111000011100110101 F8735
78 500098 1111010000110000010 7A182
79 7210727 11011000000110111001111 6E06E7
80 4250898 10000001101110100010010 40DD12
81 4055028 1111011101111111110100 3DDFF4
82 2754240 1010100000011011000000 2A06C0
83 452999 1101110100110000111 6E987
84 6831458 11010000011110101100010 683D62
85 207636 110010101100010100 32B14
86 7280635 11011110001011111111011 6F17FB
87 3308937 1100100111110110001001 327D89
88 4303570 10000110101010111010010 41AAD2
89 8375055 11111111100101100001111 7FCB0F
90 1457960 101100011111100101000 163F28
91 5197625 10011110100111100111001 4F4F39
92 3144371 1011111111101010110011 2FFAB3
93 6674138 11001011101011011011010 65D6DA
94 2692106 1010010001010000001010 29140A
95 2276769 1000101011110110100001 22BDA1
96 1940971 111011001101111101011 1D9DEB
97 3288264 1100100010110011001000 322CC8
98 4819803 10010011000101101011011 498B5B
99 9431005 100011111111001111111011101 8FE7DD
100 3992019 1111001110100111010011 3CE9D3
101 8184782 11111001110001111001110 7CE3CE
102 2847975 1010110111010011100111 2B74E7
103 7891025 11110000110100001010001 786851
104 900082 11011011101111110010 DBBF2
105 1831532 110111111001001101100 1BF26C
106 8428253 100000001001101011011101 809ADD
107 2905752 1011000101011010011000 2C5698
108 9763121 100101001111100100110001 94F931
109 257890 111110111101100010 3EF62
110 4699761 10001111011011001110001 47B671
111 359541 1010111110001110101 57C75
112 3446150 1101001001010110000110 349586
113 4246818 10000001100110100100010 40CD22
114 1848840 111000011011000001000 1C3608
115 938480 11100101000111110000 E51F0
116 227465 110111100010001001 37889
117 3923488 1110111101111000100000 3BDE20
118 8915697 100010000000101011110001 880AF1
119 4309094 10000011100000001100110 41C066
120 3891251 1110110110000000110011 3B6033
121 8627956 100000111010011011110100 83A6F4
122 5884613 10110011100101011000101 59CAC5
123 1659318 110010101000110110110 1951B6
124 1834855 110111111111101100111 1BFF67
125 3386751 1100111010110101111111 33AD7F
126 3000166 1011011100011101100110 2DC766
127 9135626 100010110110011000001010 8B660A
128 4869260 10010100100110010001100 4A4C8C
129 76550 10010101100000110 12B06
130 432271 1101001100010001111 6988F
131 251028 111101010010010100 3D494
132 7016218 11010110000111100011010 6B0F1A
133 6896099 11010010011100111100011 6939E3
134 8386350 11111111111011100101110 7FF72E
135 8637147 100000111100101011011011 83CADB
```

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136 936705 11100100101100000001 E4B01
137 6602175 11001001011110110111111 64BDBF
138 1429181 101011100111010111101 15CEBD
139 8395138 100000000001100110000010 801982
140 6132809 10111011001010001001001 5D9449
141 5936917 10110101001011100010101 5A9715
142 2878578 10101111101100011110010 2BEC72
143 158885 100110110010100101 26CA5
144 2441957 1001010100001011100101 2542E5
145 5914794 10110101001000000010101010 5A40AA
146 3999272 1111010000011000101000 3D0628
147 3142897 1011111111010011110001 2FF4F1
148 8151159 11111000110000001110111 7C6077
149 5147564 10011010001011101011100 4E8BAC
150 4595374 10001100001111010101110 461EAE
151 4234951 10000010011110011000111 409EC7
152 7880605 11110000011111110011101 783F9D
153 7009921 11010101111011010000001 6AF681
154 695580 10101001110100011100 A9D1C
155 7370443 11100000111011011001011 7076CB
156 7921729 11110001110000001000001 78E041
157 8419625 100000000111100100101001 807929
158 7024080 11010110001101110100000 6B2DD0
159 3905988 1110111001100111000100 3B99C4
160 1767599 110101111100010101111 1AF8AF
161 935136 11100100010011100000 E44E0
162 635788 10011011001110001100 9B38C
163 8807719 100001100110010100100111 866527
164 317375 1001101011110111111 4D7BF
165 9975410 100110000011011001110010 983672
166 2727968 1010011010000000100000 29A020
167 7444399 11100011001011110101111 7197AF
168 4065675 11111000001001100010011 3E098B
169 9925720 100101110111010001011000 977458
170 2293633 1000101111111110000001 22FF81
171 7734826 11101100000011000101010 76062A
172 1065463 100000100000111110111 1041F7
173 1105617 100001101111011010001 10DED1
174 5325800 10100010100001111101000 5143E8
175 3822527 1110100101001110111111 3A53BF
176 5503858 10100111111101101110010 53FB72
177 9214055 100011001001100001100111 8C9867
178 6521769 11000111000001110101001 6383A9
179 7923796 11110001110100001010100 78E854
180 5250236 10100000011100100111100 501CBC
181 1083154 100001000011100010010 108712
182 472141 1110011010001001101 7344D
183 9597454 100100100111001000001110 92720E
184 1581679 110000010001001101111 18226F
185 656751 10100000010101101111 A056F
186 345464 1010100010101111000 54578
187 4281218 10000010101001110000010 415382
188 6558883 11001000001010010100011 6414A3
189 3852986 1110101100101010111010 3ACABA
190 6263187 10111111001000110010011 5F9193
191 5828308 10110001110111011010100 58EED4
192 8058535 11110101111011010100111 7AF6A7
193 9035191 100010011101110110110111 89DDB7
194 7922103 11110001110000110110111 78E1B7
195 9366003 100011101110100111110011 8EE9F3
196 4555717 10001011000001111000101 4583C5
197 3526753 1101011101000001100001 35D061
198 3176815 1100000111100101101111 30796F
199 858440 11010001100101001000 D1948
200 2250854 1000100101100001100110 225866
TIEMPO 0.001s

Resultados guardados en: ConvertionResults.txt
Tiempo transcurrido: 0.001 segundos
```

P2 - Resultados: convert_numbers.py

Ejecucion: TC2.txt

```
$ python convert_numbers.py TC2.txt

TC2 BIN HEX
ITEM
1 7116776 11011001001011111101000 6C97E8
2 1666340 110010110110100100100 196D24
3 8886983 100001111001101011000111 879AC7
4 839365 11001100111011000101 CCEC5
5 924280 11100001101001111000 E1A78
6 1026310 11111010100100000110 FA906
7 1615293 110001010010110111101 18A5BD
8 1063875 100000111011111000011 103BC3
9 679035 10100101110001111011 A5C7B
10 5201970 10011110110000000110010 4F6032
11 593979 10010001000000111011 9103B
12 801371 11000011101001011011 C3A5B
13 3796878 1110011110111110001110 39EF8E
14 7489201 11100100100011010110001 7246B1
15 9740020 100101001001110111110100 949EF4
16 9128737 100010110100101100100001 8B4B21
17 5473463 10101000110100010110111 5384B7
18 8701957 100001001100100000000101 84C805
19 8238050 11111011011001111100010 7DB3E2
20 8679038 100001000110111001111110 846E7E
21 385912 1011110001101111000 5E378
22 5867340 10110011000011101001100 59874C
23 4894542 10010101010111101001110 4AAF4E
24 8999451 100010010101001000011011 89521B
25 4392535 10000110000011001010111 430657
26 2078131 111111011010110110011 1FB5B3
27 3070124 1011101101100010101100 2ED8AC
28 7451998 11100011011010101011110 71B55E
29 5635510 10101011111110110110110 55FDB6
30 1233932 100101101010000001100 12D40C
31 6089867 10111001110110010001011 5CEC8B
32 1792316 110110101100100111100 1B593C
33 6298637 11000000011100000001101 601C0D
34 2408038 1001001011111001100110 24BE66
35 8510100 100000011101101010010100 81DA94
36 991581 11110010000101011101 F215D
37 6455739 11000101000000110111011 6281BB
38 7829175 11101110111011010110111 7776B7
39 6328931 11000010010010011000011 609263
40 9982305 100110000101000101100001 985161
41 2292022 1000101111100100110110 22F936
42 1070496 100000101010110100000 1055A0
43 8518360 100000011111101011011000 81FAD8
44 6378470 11000010101001111100110 6153E6
45 7756258 11101100101100111100010 7659E2
46 7111767 11011001000010001010111 6C8457
47 2685897 1010001111101111001001 28FBC9
48 617946 10010110110111011010 96DDA
49 246280 111100001000001000 3C208
50 6075442 10111001011010000110010 5CB432
51 991323 11110010000001011011 F205B
52 6754202 11001110000111110011010 670F9A
53 3103178 1011110101100111001010 2F59CA
54 3228842 1100010100010010101010 3144AA
55 6786623 11001111000111000111111 678E3F
56 5329085 10100010101000010111101 5150BD
57 2334647 1000111001111110110111 239FB7
58 7253396 11011101010110110010100 6EAD94
59 6516953 11000110111000011011001 6370D9
60 5972725 10110110001011110101 5B22F5
61 5828037 10110001101101011000101 58EDC5
62 6642265 11001010101101001011001 655A59
63 2559699 1001110000111011010011 270ED3
64 6597631 11001001010101111111111 64ABFF
```

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65 5826202 1011000111001101001010 58E69A
66 4642335 10001101101011000011111 46D61F
67 1862900 111000110110011110100 1C6CF4
68 6039635 10111000010100001010011 5C2853
69 3358744 1100110100000000011000 334018
70 4965249 10010111100001110000001 4BC381
71 6621475 11001010000100100100011 650923
72 3336153 1100101100111111011001 32E7D9
73 1044743 11111111000100000111 FF107
74 6201477 10111101010000010000101 5EA085
75 6297100 11000000010110000001100 60160C
76 885678 11011000001110101110 D83AE
77 8546891 100000100110101001001011 826A4B
78 6683923 11001011111110100010011 65FD13
79 7064472 11010111100101110011000 6BCB98
80 3430021 1101000101011010000101 345685
81 9764122 100101001111110100011010 94FD1A
82 9958605 100101111111010011001101 97F4CD
83 1006022 11110101100111000110 F59C6
84 5276496 10100010000001101010000 508350
85 8876232 100001110111000011001000 8770C8
86 3364648 1100110101011100101000 335728
87 3539979 1101100000010000001011 36040B
88 3003857 1011011101010111010001 2DD5D1
89 4481634 10001000110001001100010 446262
90 9035781 100010011110000000000101 89E005
91 3767021 1110010111101011101101 397AED
92 4993901 10011000011001101101101 4C336D
93 8698377 100001001011101000001001 84BA09
94 4626501 10001101001100001000101 469845
95 1755352 110101100100011011000 1AC8D8
96 2755340 1010100000101100001100 2A0B0C
97 5150616 10011101001011110011000 4E9798
98 9345169 100011101001100010010001 8E9891
99 848948 11001111010000110100 CF434
100 2708748 1010010101010100001100 29550C
101 8372451 111111111100000011100011 7FC0E3
102 3523015 1101011100000111000111 35C1C7
103 2624283 1010000000101100011011 280B1B
104 8795348 100001100011010011010100 8634D4
105 2318100 1000110101111100010100 235F14
106 4750861 10010000111111000001101 487E0D
107 3770597 1110011000100011100101 3988E5
108 1053352 100000010010101010101000 1012A8
109 833307 11001011011100011011 CB71B
110 4632526 10001101010101111001110 46AFCE
111 2212917 1000011100010000110101 21C435
112 5053189 10011010000110110000101 4D1B05
113 412218 1100100101000011010 64A3A
114 4901564 10010101100101010111100 4ACABC
115 5094606 10011011011110011001110 4DBCCE
116 8070285 111101100100010010001101 7B248D
117 6847905 11010000111110110100001 687DA1
118 4311824 10000011100101000010000 41CB10
119 3009421 1011011110101110001101 2DEB8D
120 1629105 110001101101110110001 18DBB1
121 8431899 100000001010100100011011 80A91B
122 7582456 11100111011001011111000 73B2F8
123 7332147 11011111110000100110011 6FE133
124 314183 1001100101101000111 4CB47
125 7632568 11101000111011010111000 7476B8
126 8161327 111110010001000000101111 7C882F
127 6961087 11010100011011110111111 6A37BF
128 6898282 11010010100001001101010 69426A
129 9749303 100101001100001100110111 94C337
130 4427419 10000111000111010011011 438E9B
131 4368829 10000101010100110111101 42A9BD
132 6439318 11000100100000110010110 624196
133 6473603 11000101100011110000011 62C783
134 6446249 11000100101110010101001 625CA9
135 9818836 100101011101001011010100 95D2D4
```

```
136 9438069 100100000000001101110101 900375
137 2809499 1010101101111010011011 2ADE9B
138 3460304 1101001100110011010000 34CCD0
139 8430904 100000001010010100111000 80A538
140 9774785 100101010100100110110000 9526C1
141 9560603 100100011111000100001011 91E21B
142 3440732 1101001000000001011100 34805C
143 7053263 11010111001111111001111 6B9FCF
144 287398 1000110001010100110 462A6
145 4043644 1111011011001101111100 3DB37C
146 2943820 1011001110101101001100 2CEB4C
147 9030962 100010011100110100110010 89CD32
148 7537540 11100110000001110000100 730384
149 7203657 11011011110101101001001 6DEB49
150 5639400 10101100000110011101000 560CE8
151 9448142 100100000010010011001110 902ACE
152 9954392 100101111110010001011000 97E458
153 2856859 1010111001011110011011 2B979B
154 1332118 101000101001110010110 145396
155 6984725 11010101001010000010101 6A9415
156 1925762 111010110001010000010 1D6282
157 2138171 1000001010000000111011 20A03B
158 347447 1010100110100110111 54D37
159 8839390 100001101110000011011110 86E0DE
160 3951652 1111000100110000100100 3C4C24
161 3755102 1110010100110001011110 394C5E
162 6867687 11010001100101011100111 68CAE7
163 4383175 10000101110000111000111 42E1C7
164 7125508 11011001011101000000100 6CBA04
165 7799732 11101110000001110110100 7703B4
166 8784156 100001100000100100011100 86091C
167 1372809 101001111001010001001 14F289
168 1327984 101000100001101110000 144370
169 9205087 100011000111010101011111 8C755F
170 6524241 11000111000110101010001 638D51
171 9316072 100011100001001100110100 8E26E8
172 127744 11111001100000000 1F300
173 8388820 100000000000000011010100 8000D4
174 6883557 11010010000100011100101 6908E5
175 2291239 1000101111011000100111 22F627
176 3101270 1011110101001001010110 2F5256
177 1382825 101010001100110101001 1519A9
178 9873376 100101101010011111100000 96A7E0
179 6873500 11010001110000110011100 68E19C
180 8185634 11111001110011100100010 7CE722
181 2464786 1001011001100000010010 259C12
182 8387154 11111111111101001010010 7FFA52
183 5581444 10101010010101010000100 552A84
184 8097911 11110111001000001110111 7B9077
185 8882527 100001111000100101011111 87895F
186 8941444 100010000110111110000100 886F84
187 4942703 10010110110101101101111 4B6B6F
188 101144 11000101100011000 18B18
189 7471180 11100100000000001001100 72004C
190 1932131 111010111101101100011 1D7B63
191 8052752 11110101110000000010000 7AE010
192 6359493 11000100000100111000101 6109C5
193 1967646 111100000011000011110 1E061E
194 6575052 11001000101001111001100 6453CC
195 2323342 1000110111001110001110 23738E
196 6735760 11001101100011110010000 66C790
197 8895858 100001111011110101110010 87BD72
198 4238091 10000001010101100001011 40AB0B
199 7093069 11011000011101101001101 6C3B4D
200 39 100111 27
TIEMPO 0.001s

Resultados guardados en: ConvertionResults.txt
Tiempo transcurrido: 0.001 segundos
```

Ejecucion: TC3.txt

```
$ python convert_numbers.py TC3.txt

TC3 BIN HEX
ITEM
1 -39 1111011001 FFFFFFFFD9
2 -36 1111011100 FFFFFFFFDC
3 8 1000 8
4 34 100010 22
5 17 10001 11
6 49 110001 31
7 5 101 5
8 39 100111 27
9 0 0 0
10 33 100001 21
11 12 1100 C
12 -6 1111111010 FFFFFFFFFA
13 27 11011 1B
14 -4 1111111100 FFFFFFFFFC
15 -38 1111011010 FFFFFFFFDA
16 26 11010 1A
17 49 110001 31
18 29 11101 1D
19 42 101010 2A
20 -16 1111110000 FFFFFFFFF0
21 -28 1111100100 FFFFFFFFE4
22 34 100010 22
23 20 10100 14
24 0 0 0
25 25 11001 19
26 45 101101 2D
27 3 11 3
28 -46 1111010010 FFFFFFFFD2
29 -46 1111010010 FFFFFFFFD2
30 29 11101 1D
31 33 100001 21
32 29 11101 1D
33 26 11010 1A
34 -5 1111111011 FFFFFFFFFB
35 -36 1111011100 FFFFFFFFDC
36 12 1100 C
37 45 101101 2D
38 -50 1111001110 FFFFFFFFCE
39 0 0 0
40 -6 1111111010 FFFFFFFFFA
41 -39 1111011001 FFFFFFFFD9
42 35 100011 23
43 26 11010 1A
44 -35 1111011101 FFFFFFFFDD
45 -42 1111010110 FFFFFFFFD6
46 14 1110 E
47 -3 1111111101 FFFFFFFFFD
48 22 10110 16
49 -47 1111010001 FFFFFFFFD1
50 12 1100 C
51 -17 1111101111 FFFFFFFFEF
52 -31 1111100001 FFFFFFFFE1
53 -25 1111100111 FFFFFFFFE7
54 -35 1111011101 FFFFFFFFDD
55 -18 1111101110 FFFFFFFFEE
56 14 1110 E
57 37 100101 25
58 -8 1111111000 FFFFFFFFF8
59 -41 1111010111 FFFFFFFFD7
60 -50 1111001110 FFFFFFFFCE
61 -9 1111110111 FFFFFFFFF7
62 2 10 2
63 12 1100 C
64 -39 1111011001 FFFFFFFFD9
```

```
65 -17 1111101111 FFFFFFFFEF
66 0 0 0
67 27 11011 1B
68 28 11100 1C
69 45 101101 2D
70 -44 1111010100 FFFFFFFFD4
71 28 11100 1C
72 35 100011 23
73 -33 1111011111 FFFFFFFFDF
74 43 101011 2B
75 -4 1111111100 FFFFFFFFFC
76 23 10111 17
77 -49 1111001111 FFFFFFFFCF
78 49 110001 31
79 -7 1111111001 FFFFFFFFF9
80 -38 1111011010 FFFFFFFFDA
81 -45 1111010011 FFFFFFFFD3
82 5 101 5
83 -21 1111101011 FFFFFFFFEB
84 26 11010 1A
85 -2 1111111110 FFFFFFFFFE
86 -24 1111101000 FFFFFFFFE8
87 6 110 6
88 -45 1111010011 FFFFFFFFD3
89 -4 1111111100 FFFFFFFFFC
90 15 1111 F
91 0 0 0
92 -17 1111101111 FFFFFFFFEF
93 -35 1111011101 FFFFFFFFDD
94 43 101011 2B
95 45 101101 2D
96 -35 1111011101 FFFFFFFFDD
97 -8 1111111000 FFFFFFFFF8
98 28 11100 1C
99 47 101111 2F
100 34 100010 22
101 -24 1111101000 FFFFFFFFE8
102 -42 1111010110 FFFFFFFFD6
103 -13 1111110011 FFFFFFFFF3
104 14 1110 E
105 -45 1111010011 FFFFFFFFD3
106 -35 1111011101 FFFFFFFFDD
107 27 11011 1B
108 -12 1111110100 FFFFFFFFF4
109 -19 1111101101 FFFFFFFFED
110 -20 1111101100 FFFFFFFFEC
111 -14 1111110010 FFFFFFFFF2
112 20 10100 14
113 30 11110 1E
114 12 1100 C
115 -36 1111011100 FFFFFFFFDC
116 -47 1111010001 FFFFFFFFD1
117 -27 1111100101 FFFFFFFFE5
118 -3 1111111101 FFFFFFFFFD
119 6 110 6
120 36 100100 24
121 9 1001 9
122 -16 1111110000 FFFFFFFFF0
123 36 100100 24
124 -27 1111100101 FFFFFFFFE5
125 7 111 7
126 -6 1111111010 FFFFFFFFFA
127 -5 1111111011 FFFFFFFFFB
128 5 101 5
129 47 101111 2F
130 23 10111 17
131 -48 1111010000 FFFFFFFFD0
132 -24 1111101000 FFFFFFFFE8
133 40 101000 28
134 -4 1111111100 FFFFFFFFFC
135 -18 1111101110 FFFFFFFFEE
```

```
136 -19 1111101101 FFFFFFFFED
137 14 1110 E
138 15 1111 F
139 1 1 1
140 24 11000 18
141 -9 1111110111 FFFFFFFFF7
142 -50 1111001110 FFFFFFFFCE
143 18 10010 12
144 15 1111 F
145 30 11110 1E
146 44 101100 2C
147 9 1001 9
148 19 10011 13
149 33 100001 21
150 41 101001 29
151 -24 1111101000 FFFFFFFFE8
152 43 101011 2B
153 48 110000 30
154 -23 1111101001 FFFFFFFFE9
155 7 111 7
156 28 11100 1C
157 8 1000 8
158 -2 1111111110 FFFFFFFFFE
159 37 100101 25
160 42 101010 2A
161 -17 1111101111 FFFFFFFFEF
162 -6 1111111010 FFFFFFFFFA
163 36 100100 24
164 22 10110 16
165 27 11011 1B
166 31 11111 1F
167 -47 1111010001 FFFFFFFFD1
168 -43 1111010101 FFFFFFFFD5
169 0 0 0
170 27 11011 1B
171 30 11110 1E
172 12 1100 C
173 -15 1111110001 FFFFFFFFF1
174 -19 1111101101 FFFFFFFFED
175 -42 1111010110 FFFFFFFFD6
176 -37 1111011011 FFFFFFFFDB
177 31 11111 1F
178 -10 1111110110 FFFFFFFFF6
179 18 10010 12
180 33 100001 21
181 -15 1111110001 FFFFFFFFF1
182 17 10001 11
183 25 11001 19
184 -25 1111100111 FFFFFFFFE7
185 -5 1111111011 FFFFFFFFFB
186 33 100001 21
187 -13 1111110011 FFFFFFFFF3
188 33 100001 21
189 -10 1111110110 FFFFFFFFF6
190 47 101111 2F
191 47 101111 2F
192 -13 1111110011 FFFFFFFFF3
193 -32 1111100000 FFFFFFFFE0
194 1 1 1
195 1 1 1
196 -25 1111100111 FFFFFFFFE7
197 -33 1111011111 FFFFFFFFDF
198 16 10000 10
199 17 10001 11
200 4 100 4
TIEMPO 0.001s


Resultados guardados en: ConvertionResults.txt
Tiempo transcurrido: 0.001 segundos
```

Ejecucion: TC4.txt

```
$ python convert_numbers.py TC4.txt

Error: Dato inválido 'ABC' en la línea 8
Error: Dato inválido 'ERR' en la línea 21
Error: Dato inválido 'VAL' en la línea 41
 TC4 BIN HEX
ITEM
1 -39 1111011001 FFFFFFFFD9
2 -36 1111011100 FFFFFFFFDC
3 8 1000 8
4 34 100010 22
5 17 10001 11
6 49 110001 31
7 5 101 5
8 ABC #VALUE! #VALUE!
9 0 0 0
10 33 100001 21
11 12 1100 C
12 -6 1111111010 FFFFFFFFFA
13 27 11011 1B
14 -4 1111111100 FFFFFFFFFC
15 -38 1111011010 FFFFFFFFDA
16 26 11010 1A
17 49 110001 31
18 29 11101 1D
19 42 101010 2A
20 -16 1111110000 FFFFFFFFF0
21 ERR #VALUE! #VALUE!
22 34 100010 22
23 20 10100 14
24 0 0 0
25 25 11001 19
26 45 101101 2D
27 3 11 3
28 -46 1111010010 FFFFFFFFD2
29 -46 1111010010 FFFFFFFFD2
30 29 11101 1D
31 33 100001 21
32 29 11101 1D
33 26 11010 1A
34 -5 1111111011 FFFFFFFFFB
35 -36 1111011100 FFFFFFFFDC
36 12 1100 C
37 45 101101 2D
38 -50 1111001110 FFFFFFFFCE
39 0 0 0
40 -6 1111111010 FFFFFFFFFA
41 VAL #VALUE! #VALUE!
TIEMPO 0.000s

Resultados guardados en: ConvertionResults.txt
Tiempo transcurrido: 0.000 segundos
```

Analisis Pylint: convert_numbers.py

```
------------------------------------------------------------------
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)
```