

## Resultados Finales – Programa 2

### Resultado Pylint

```
Command Prompt
C:\Users\memoc\OneDrive\Documentos\Maestría IA\T3\PruebasSoftware\Módulo4\PruebasYCalidad\Ejercicio4.2\P2\source>pylint
convertNumbers.py
***** Module convertNumbers
convertNumbers.py:14:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:19:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:33:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:38:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:59:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:63:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:67:0: C0303: Trailing whitespace (trailing-whitespace)
convertNumbers.py:94:0: C0304: Final newline missing (missing-final-newline)
convertNumbers.py:1:0: C0114: Missing module docstring (missing-module-docstring)
convertNumbers.py:1:0: C0103: Module name "convertNumbers" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:42:0: C0116: Missing function or method docstring (missing-function-docstring)
convertNumbers.py:89:11: W0718: Catching too general exception Exception (broad-exception-caught)

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Your code has been rated at 8.18/10
```

### Posterior a corregir PEP8

```
C:\Users\memoc\OneDrive\Documentos\Maestría IA\T3\PruebasSoftware\Módulo4\PruebasYCalidad\Ejercicio4.2\P2\source>pylint
convertNumbers.py

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Your code has been rated at 10.00/10 (previous run: 9.85/10, +0.15)
```

### TC1.tx

```
Command Prompt
N: 5325800 -> BIN: 10100010100001111101000 | HEX: 5143E8
N: 3822527 -> BIN: 1110100101001110111111 | HEX: 3A53BF
N: 5503858 -> BIN: 1010011111101101110010 | HEX: 53FB72
N: 9214055 -> BIN: 100011001001100001100111 | HEX: 8C9867
N: 6521769 -> BIN: 110001110000001110101001 | HEX: 6383A9
N: 7923796 -> BIN: 11110001110100001010100 | HEX: 78E854
N: 5250236 -> BIN: 10100000001110010111100 | HEX: 501CBC
N: 1083154 -> BIN: 100001000011100010010 | HEX: 108712
N: 472141 -> BIN: 1110011010001001101 | HEX: 7344D
N: 9597454 -> BIN: 100100100111001000001110 | HEX: 92720E
N: 1581679 -> BIN: 110000010001001101111 | HEX: 18226F
N: 656751 -> BIN: 10100000010101101111 | HEX: A056F
N: 345464 -> BIN: 1010100010101111000 | HEX: 54578
N: 4281218 -> BIN: 10000010101001110000010 | HEX: 415382
N: 6558883 -> BIN: 11001000001010010100011 | HEX: 6414A3
N: 3852986 -> BIN: 1110101100101010111010 | HEX: 3ACABA
N: 6263187 -> BIN: 10111111001000110010011 | HEX: 5F9193
N: 5828308 -> BIN: 10110001110111011010100 | HEX: 58EED4
N: 8058535 -> BIN: 11110101111011010100111 | HEX: 7AF6A7
N: 9035191 -> BIN: 100010011101110110110111 | HEX: 89DDB7
N: 7922103 -> BIN: 11110001110000110110111 | HEX: 78E1B7
N: 9366003 -> BIN: 100011101110100111110011 | HEX: 8EE9F3
N: 4555717 -> BIN: 10001011000001111000101 | HEX: 4583C5
N: 3526753 -> BIN: 1101011101000001100001 | HEX: 35D061
N: 3176815 -> BIN: 1100000111100101101111 | HEX: 30796F
N: 858440 -> BIN: 11010001100101001000 | HEX: D1948
N: 2250854 -> BIN: 1000100101100001100110 | HEX: 225866
Tiempo transcurrido: 0.001685 segundos
```

## TC2.txt

```
Command Prompt
N: 6883557 -> BIN: 11010010000100011100101 | HEX: 6908E5
N: 2291239 -> BIN: 1000101111011000100111 | HEX: 22F627
N: 3101270 -> BIN: 1011110101001001010110 | HEX: 2F5256
N: 1382825 -> BIN: 101010001100110101001 | HEX: 1519A9
N: 9873376 -> BIN: 100101101010011111100000 | HEX: 96A7E0
N: 6873500 -> BIN: 11010001110000110011100 | HEX: 68E19C
N: 8185634 -> BIN: 11111001110011100100010 | HEX: 7CE722
N: 2464786 -> BIN: 1001011001110000010010 | HEX: 259C12
N: 8387154 -> BIN: 1111111111101001010010 | HEX: 7FFA52
N: 5581444 -> BIN: 10101010010101010000100 | HEX: 552A84
N: 8097911 -> BIN: 11110111001000001110111 | HEX: 7B9077
N: 8882527 -> BIN: 100001111000100101011111 | HEX: 87895F
N: 8941444 -> BIN: 100010000110111110000100 | HEX: 886F84
N: 4942703 -> BIN: 10010110110101101101111 | HEX: 4B6B6F
N: 101144 -> BIN: 11000101100011000 | HEX: 18B18
N: 7471180 -> BIN: 11100100000000001001100 | HEX: 72004C
N: 1932131 -> BIN: 111010111101101100011 | HEX: 1D7B63
N: 8052752 -> BIN: 11110101110000000010000 | HEX: 7AE010
N: 6359493 -> BIN: 110000100001001111000101 | HEX: 6109C5
N: 1967646 -> BIN: 111100000011000011110 | HEX: 1E061E
N: 6575052 -> BIN: 11001000101001111001100 | HEX: 6453CC
N: 2323342 -> BIN: 1000110111001110001110 | HEX: 23738E
N: 6735760 -> BIN: 11001101100011110010000 | HEX: 66C790
N: 8895858 -> BIN: 100001111011110101110010 | HEX: 87BD72
N: 4238091 -> BIN: 10000001010101100001011 | HEX: 40AB0B
N: 7093069 -> BIN: 11011000011101101001101 | HEX: 6C3B4D
N: 39 -> BIN: 100111 | HEX: 27
Tiempo transcurrido: 0.004046 segundos
```

## TC3.txt

```
Command Prompt
N: -19 -> BIN: -10011 | HEX: -13
N: -42 -> BIN: -101010 | HEX: -2A
N: -37 -> BIN: -100101 | HEX: -25
N: 31 -> BIN: 11111 | HEX: 1F
N: -10 -> BIN: -1010 | HEX: -A
N: 18 -> BIN: 10010 | HEX: 12
N: 33 -> BIN: 100001 | HEX: 21
N: -15 -> BIN: -1111 | HEX: -F
N: 17 -> BIN: 10001 | HEX: 11
N: 25 -> BIN: 11001 | HEX: 19
N: -25 -> BIN: -11001 | HEX: -19
N: -5 -> BIN: -101 | HEX: -5
N: 33 -> BIN: 100001 | HEX: 21
N: -13 -> BIN: -1101 | HEX: -D
N: 33 -> BIN: 100001 | HEX: 21
N: -10 -> BIN: -1010 | HEX: -A
N: 47 -> BIN: 101111 | HEX: 2F
N: 47 -> BIN: 101111 | HEX: 2F
N: -13 -> BIN: -1101 | HEX: -D
N: -32 -> BIN: -100000 | HEX: -20
N: 1 -> BIN: 1 | HEX: 1
N: 1 -> BIN: 1 | HEX: 1
N: -25 -> BIN: -11001 | HEX: -19
N: -33 -> BIN: -100001 | HEX: -21
N: 16 -> BIN: 10000 | HEX: 10
N: 17 -> BIN: 10001 | HEX: 11
N: 4 -> BIN: 100 | HEX: 4
Tiempo transcurrido: 0.000000 segundos
```

## TC4.txt

```
C:\Users\memoc\OneDrive\Documentos\Maestría IA\T3\PruebasSoftware\Módulo4\PruebasYCalidad\Ejercicio4.2\P2\source>python
convertNumbers.py ../tests/TC4.txt
Error: 'ABC' no es un número válido. Omitiendo...
Error: 'ERR' no es un número válido. Omitiendo...
Error: 'VAL' no es un número válido. Omitiendo...
N: -39 -> BIN: -100111 | HEX: -27
N: -36 -> BIN: -100100 | HEX: -24
N: 8 -> BIN: 1000 | HEX: 8
```

```
Command Prompt
N: 27 -> BIN: 11011 | HEX: 1B
N: -4 -> BIN: -100 | HEX: -4
N: -38 -> BIN: -100110 | HEX: -26
N: 26 -> BIN: 11010 | HEX: 1A
N: 49 -> BIN: 110001 | HEX: 31
N: 29 -> BIN: 11101 | HEX: 1D
N: 42 -> BIN: 101010 | HEX: 2A
N: -16 -> BIN: -10000 | HEX: -10
N: 34 -> BIN: 100010 | HEX: 22
N: 20 -> BIN: 10100 | HEX: 14
N: 0 -> BIN: 0 | HEX: 0
N: 25 -> BIN: 11001 | HEX: 19
N: 45 -> BIN: 101101 | HEX: 2D
N: 3 -> BIN: 11 | HEX: 3
N: -46 -> BIN: -101110 | HEX: -2E
N: -46 -> BIN: -101110 | HEX: -2E
N: 29 -> BIN: 11101 | HEX: 1D
N: 33 -> BIN: 100001 | HEX: 21
N: 29 -> BIN: 11101 | HEX: 1D
N: 26 -> BIN: 11010 | HEX: 1A
N: -5 -> BIN: -101 | HEX: -5
N: -36 -> BIN: -100100 | HEX: -24
N: 12 -> BIN: 1100 | HEX: C
N: 45 -> BIN: 101101 | HEX: 2D
N: -50 -> BIN: -110010 | HEX: -32
N: 0 -> BIN: 0 | HEX: 0
N: -6 -> BIN: -110 | HEX: -6
Tiempo transcurrido: 0.002924 segundos
```