

Pylint Run

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\P2> pylint convert_numbers.py
*****
Module convert_numbers
● convert_numbers.py:150:0: C0304: Final newline missing (missing-final-newline)

-----
Your code has been rated at 9.88/10

(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\P2> pylint convert_numbers.py
●

-----
Your code has been rated at 10.00/10 (previous run: 9.88/10, +0.12)

● (.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\P2>
```

TC1 Run

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\P2> python convert_numbers.py sources/TC1.txt
● NUMBER CONVERSION RESULTS
Decimal Binary Hexadecimal
6980368 11010101000001100010000 6A8310
5517055 10101000010111011111111 542EFF
1336159 101000110001101011111 14635F
6750185 110011011111111101001 66FFE9
1771937 110110000100110100001 1B09A1
360952 101100000011111000 581F8
5672561 10101101000111001110001 568E71
916583 1101111110001100111 DFC67
2700138 10100100110011011010 29336A
9645053 10010011000101011111101 932BF0
1181110 100100000010110110110 1205B6
1492185 101101100010011011001 16C4D9
4018595 1111010101000110100011 3D51A3
7654888 1101001100110111101000 74CDE8
```

TC2 Run

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\P2> python convert_numbers.py sources/TC2.txt
● NUMBER CONVERSION RESULTS
Decimal Binary Hexadecimal
7116776 1101100100101111101000 6C97E8
1666340 110010110110100100100 196D24
8886983 10000111001101011000111 879AC7
839365 1100110011101000101 CCEC5
924280 11100001101001111000 E1A78
1026310 11111010100100000110 FA906
1615293 110001010010110111101 18A5BD
1063875 1000000110111000011 103BC3
679035 10100101110001111011 A5C7B
5201970 1001111011000000110010 4F6032
```

TC3 Run

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\P2> python convert_numbers.py sources/TC3.txt
NUMBER CONVERSION RESULTS
Decimal Binary Hexadecimal
-39    -100111  -27
-36    -100100  -24
8      1000     8
34    100010   22
17    10001    11
49    110001   31
5     101      5
39    100111  27
```

TC4 Run

```
(.venv) PS C:\Users\Xpert PC\Documents\Test\A01197363_A4.2\P2> python convert_numbers.py sources/TC4.txt
● NUMBER CONVERSION RESULTS
Decimal Binary Hexadecimal
-39 -100111 -27
-36 -100100 -24
8 1000 8
34 100010 22
17 10001 11
49 110001 31
5 101 5
0 0 0
33 100001 21
12 1100 C
-6 -110 -6
27 11011 1B
-4 -100 -4
-38 -100110 -26
26 11010 1A
49 110001 31
29 11101 1D
42 101010 2A
-16 -10000 -10
34 100010 22
20 10100 14
0 0 0
25 11001 19
45 101101 2D
3 11 3
-46 -101110 -2E
-46 -101110 -2E
29 11101 1D
33 100001 21
29 11101 1D
26 11010 1A
-5 -101 -5
-36 -100100 -24
12 1100 C
45 101101 2D
-50 -110010 -32
0 0 0
-6 -110 -6

Execution Time (seconds): 0.0

ERRORS FOUND:
Invalid data at line 8: 'ABC'
Invalid data at line 21: 'ERR'
Invalid data at line 41: 'VAL'
```