TC1


```
[32]      83      resultado.append(f"Tiempo de ejecucion: {duracion_timer:.6f} segundos")
✓ 0s      84
          85      resultado_final = "\n".join(resultado)
          86
          87      print(resultado_final)
          88      with open("ConvertionResults.txt", "w", encoding='utf-8') as f:
          89          f.write(resultado_final)
          90
          91
          92  if __name__ == "__main__":
          93      main()

      Overwriting convertNumbers.py

[33]      1  !pip install pylint -q
✓ 3s      2  !pylint convertNumbers.py

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

```
[41]      1  !python convertNumbers.py fileWithData.txt
✓ 0s
      Error: Dato invalido en la linea 8: 'ABC'
      Error: Dato invalido en la linea 21: 'ERR'
      Error: Dato invalido en la linea 41: 'VAL'
      ITEM      NUMERO      BINARIO                           HEXADECIMAL
      ================================================================
      1         -39         -100111                           -27
      2         -36         -100100                           -24
      3         8           1000                              8
      4         34          100010                            22
      5         17          10001                             11
      6         49          110001                            31
      7         5           101                               5
      8         0           0                                 0
      9         33          100001                            21
      10        12          1100                              C
      11        -6          -110                              -6
      12        27          11011                             1B
      13        -4          -100                              -4
      14        -38         -100110                           -26
      15        26          11010                             1A
      16        49          110001                            31
      17        29                                            1D
      18        42                                            A
      19        -16         -10000                            -10
      20        34
      21        20
      22        0
      23        25
```

fileWithData.txt

```
154  695580
155  7370443
156  7921729
157  8419625
158  7024080
159  3905988
160  1767599
161  935136
162  635788
163  8807719
164  317375
165  9975410
166  2727968
167  7444399
168  4065675
169  9925720
170  2293633
171  7734826
172  1065463
173  1105617
174  5325800
175  3822527
176  5503858
177  9214055
178  6521769
179  7923796
180  5250236
181  1083154
182  472141
183  9597454
184  1581679
185  656751
186  345464
187  4281218
188  6558883
189  3852986
190  6263187
191  5828308
192  8058535
193  9035191
194  7922103
195  9366003
196  4555717
197  3526753
198  3176815
199  858440
200  2250854
```

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TC2


```
[32]      83      resultado.append(f"Tiempo de ejecucion: {duracion_timer:.6f} segundos")
✓ 0s      84
          85      resultado_final = "\n".join(resultado)
          86
          87      print(resultado_final)
          88      with open("ConvertionResults.txt", "w", encoding='utf-8') as f:
          89          f.write(resultado_final)
          90
          91
          92  if __name__ == "__main__":
          93      main()

      Overwriting convertNumbers.py

[33]      1  !pip install pylint -q
✓ 3s      2  !pylint convertNumbers.py

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

```
[42]      1  !python convertNumbers.py fileWithData.txt
✓ 0s
      145   4043644    1111011011001101111100      3DB37C
      146   2943820    101100111010110100011000    2CEB4C
      147   9030962    100010011100110100110010    89CD32
      148   7537540    11100110000011100000100     730384
      149   7203657    110110111101011101001001    6DEB49
      150   5639400    101011000001100111101000    560CE8
      151   9448142    100100000010101011001110    902ACE
      152   9954392    100101111111001000010110000 97E458
      153   2856859    10101110010111100110011     2B979B
      154   1332118    101000101001110010110       145396
      155   6984725    110101010001000001010       6A9415
      156   1925762    111010110001010000010       1D6282
      157   2138171    100000101000000011011       20A03B
      158   347447     1010100101001001111         54D37
      159   8839390    100001101110000011011110    86E0DE
      160   3951652    111100010011000100100       3C4C24
      161   3755102    11110010100110001011110     394C5E
      162   6867687    110100011001010111100111    68CAE7
      163   4383175    10000101110000111000111     42E1C7
      164   7125508    110110010110100000001100    6CBA04
      165   7799732    11101110000001110110100     7703B4
      166   8784156    100001100000100100011100    86091C
      167   1372809    100001011010100100100       20A52
      168   1327984    101000010000110111010000    144370
      169   9205087
      170   6524241
      171   9316072
      172   127744
      173   8388820
```

fileWithData.txt

```
154  1332118
155  6984725
156  1925762
157  2138171
158  347447
159  8839390
160  3951652
161  3755102
162  6867687
163  4383175
164  7125508
165  7799732
166  8784156
167  1372809
168  1327984
169  9205087
170  6524241
171  9316072
172  127744
173  8388820
174  6883557
175  2291239
176  3101270
177  1382825
178  9873376
179  6873500
180  8185634
181  2464786
182  8387154
183  5581444
184  8097911
185  8882527
186  8941444
187  4942703
188  101144
189  7471180
190  1932131
191  8052752
192  6359493
193  1967646
194  6575052
195  2323342
196  6735760
197  8895858
198  4238091
199  7093069
200  39
```

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TC3

TC4