

```
(base) Air de Andrei:Desktop andrei$ python convertNumbers.py
      TC1      ...      TC4
0  01101010100001100010000  ...  11111111111111111011001
1  00010100011000110101111  ...  00000000000000000001000
2  01100101111111111101001  ...  00000000000000000100010
3  00011010000100110100001  ...  0000000000000000010001
4  000001011000000111111000  ...  0000000000000000110001
..      ...      ...
194 010001011000001111000101  ...      NaN
195 001101011101000001100001  ...      NaN
196 00110000011100101101111  ...      NaN
197 000011010001100101001000  ...      NaN
198 001000100101100001100110  ...      NaN
```

```
[199 rows x 4 columns]
      TC1      TC2      TC3      TC4
0  0x6a8310  0x6c97e8  -0x27  -0x27
1  0x14635f  0x879ac7   0x8    0x8
2  0x66ffe9  0xccec5   0x22  0x22
3  0x1b09a1  0xe1a78   0x11  0x11
4  0x581f8   0xfa906   0x31  0x31
..      ...      ...      ...
194 0x4583c5  0x66c790  -0x19   NaN
195 0x35d061  0x87bd72  -0x21   NaN
196 0x30796f  0x40ab0b   0x10   NaN
197 0xd1948   0x6c3b4d   0x11   NaN
198 0x225866   0x27    0x4    NaN
```

```
[199 rows x 4 columns]
(base) Air de Andrei:Desktop andrei$ pylint convertNumbers.py
***** Module convertNumbers
convertNumbers.py:14:0: C0301: Line too long (129/100) (line-too-long)
convertNumbers.py:20:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:26:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:32:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:259:0: C0301: Line too long (108/100) (line-too-long)
convertNumbers.py:278:0: C0305: Trailing newlines (trailing-newlines)
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:47:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:62:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:77:0: C0116: Missing function or method docstring (missing-function-docstring)
convertNumbers.py:77:11: C0103: Argument name "n" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:78:4: C0103: Variable name "s" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:79:12: C0209: Formatting a regular string which could be a f-string (consider-using-f-string)
convertNumbers.py:92:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:94:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:106:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:118:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:125:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:127:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:140:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:158:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:176:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:189:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:202:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:215:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:235:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:265:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:7:0: W0611: Unused numpy imported as np (unused-import)
```

Your code has been rated at 5.54/10

```
(base) Air de Andrei:Desktop andrei$ python convertNumbers.py
      TC1      TC2      TC3      TC4
0  01101010100001100010000  01101100100101111101000  11111111111111111011001  11111111111111111011001
1  00010100011000110101111  10000111100110101000111  00000000000000000001000  00000000000000000001000
2  01100101111111111101001  000011001100111011000101  00000000000000000100010  00000000000000000100010
3  00011010000100110100001  000011100001101001111000  0000000000000000010001  0000000000000000010001
4  000001011000000111111000  0000111101010100000110  00000000000000000110001  00000000000000000110001
..      ...      ...      ...
194 010001011000001111000101  01100110110001111001000  11111111111111111101011  NaN
195 001101011101000001100001  10000111101111010110010  11111111111111111101111  NaN
196 00110000011100101101111  01000000101010100001011  0000000000000000010000  NaN
197 000011010001100101001000  01101100001110101001101  0000000000000000010001  NaN
198 001000100101100001100110  0000000000000000010111  0000000000000000000100  NaN
```

```
[199 rows x 4 columns]
      TC1      TC2      TC3      TC4
0  0x6a8310  0x6c97e8  -0x27  -0x27
1  0x14635f  0x879ac7   0x8    0x8
2  0x66ffe9  0xccec5   0x22  0x22
3  0x1b09a1  0xe1a78   0x11  0x11
4  0x581f8   0xfa906   0x31  0x31
..      ...      ...      ...
194 0x4583c5  0x66c790  -0x19   NaN
195 0x35d061  0x87bd72  -0x21   NaN
196 0x30796f  0x40ab0b   0x10   NaN
197 0xd1948   0x6c3b4d   0x11   NaN
198 0x225866   0x27    0x4    NaN
```

```
[199 rows x 4 columns]
(base) Air de Andrei:Desktop andrei$ pylint convertNumbers.py
***** Module convertNumbers
convertNumbers.py:12:0: C0301: Line too long (129/100) (line-too-long)
convertNumbers.py:18:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:24:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:30:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:254:0: C0301: Line too long (108/100) (line-too-long)
convertNumbers.py:270:0: C0305: Trailing newlines (trailing-newlines)
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:45:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:60:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:75:0: C0116: Missing function or method docstring (missing-function-docstring)
convertNumbers.py:75:11: C0103: Argument name "n" doesn't conform to snake_case naming style (invalid-name)
```

```
convertNumbers.py:76:4: C0103: Variable name "s" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:77:12: C0209: Formatting a regular string which could be a f-string (consider-using-f-string)
convertNumbers.py:90:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:92:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:104:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:116:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:123:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:125:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:138:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:156:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:174:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:187:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:200:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:213:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:7:0: W0611: Unused numpy imported as np (unused-import)
```

Your code has been rated at 5.71/10 (previous run: 5.54/10, +0.18)

```
(base) Air de Andrei:Desktop andrei$ python convertNumbers.py

      TC1      TC2      TC3      TC4
0  011010101000001100010000  011011001001011111101000  11111111111111111011001  11111111111111111011001
1  000101000110001101011111  10000111100110101000111  000000000000000000001000  000000000000000000001000
2  011001101111111111101001  000011001100111011000101  0000000000000000000010010  0000000000000000000010010
3  00011011000010010100001  00001110000110101111000  0000000000000000000010001  0000000000000000000010001
4  000001011000000111110000  00001111101010010000110  0000000000000000000011001  0000000000000000000011001
..      ...      ...      ...
194 010001011000001111000101  011001101100011110010000  111111111111111111100111  NaN
195 001101011101000001100001  10000111101110101110010  11111111111111111011111  NaN
196 00110000011110010110111  01000000101010100001011  0000000000000000000010000  NaN
197 0000110100011001001000  011011000011101101001101  0000000000000000000010001  NaN
198 001000100101100001100110  0000000000000000000010011  000000000000000000000100  NaN
```

```
[199 rows x 4 columns]
      TC1      TC2      TC3      TC4
0  0x6a8310  0x6c97e8  -0x27  -0x27
1  0x14635f  0x879ac7  0x8    0x8
2  0x66ffe9  0xcceec5  0x22  0x22
3  0x1b09a1  0xe1a78   0x11  0x11
4  0x581f8   0xfa906   0x31  0x31
..      ...      ...      ...
194 0x4583c5  0x66c790  -0x19  NaN
195 0x35d061  0x87bd72  -0x21  NaN
196 0x30796f  0x40ab0b   0x10  NaN
197 0xd1948   0x6c3b4d  0x11  NaN
198 0x225866   0x27    0x4   NaN
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[199 rows x 4 columns]
(base) Air de Andrei:Desktop andrei$ pylint convertNumbers.py
***** Module convertNumbers
convertNumbers.py:12:0: C0301: Line too long (129/100) (line-too-long)
convertNumbers.py:18:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:24:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:30:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:225:0: C0301: Line too long (108/100) (line-too-long)
convertNumbers.py:241:0: C0305: Trailing newlines (trailing-newlines)
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:45:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:60:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:75:0: C0116: Missing function or method docstring (missing-function-docstring)
convertNumbers.py:75:11: C0103: Argument name "n" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:76:4: C0103: Variable name "s" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:77:12: C0209: Formatting a regular string which could be a f-string (consider-using-f-string)
convertNumbers.py:7:0: W0611: Unused numpy imported as np (unused-import)
```

Your code has been rated at 7.06/10 (previous run: 5.71/10, +1.34)

```
(base) Air de Andrei:Desktop andrei$ python convertNumbers.py

      TC1      TC2      TC3      TC4
0  011010101000001100010000  011011001001011111101000  11111111111111111011001  11111111111111111011001
1  000101000110001101011111  10000111100110101000111  000000000000000000001000  000000000000000000001000
2  011001101111111111101001  000011001100111011000101  0000000000000000000010010  0000000000000000000010010
3  00011011000010010100001  00001110000110101111000  0000000000000000000010001  0000000000000000000010001
4  000001011000000111110000  00001111101010010000110  0000000000000000000011001  0000000000000000000011001
..      ...      ...      ...
194 010001011000001111000101  011001101100011110010000  111111111111111111100111  NaN
195 001101011101000001100001  100001111011110101110010  11111111111111111011111  NaN
196 00110000011110010110111  01000000101010100001011  0000000000000000000010000  NaN
197 0000110100011001001000  011011000011101101001101  0000000000000000000010001  NaN
198 001000100101100001100110  0000000000000000000010011  000000000000000000000100  NaN
```

```
[199 rows x 4 columns]
      TC1      TC2      TC3      TC4
0  0x6a8310  0x6c97e8  -0x27  -0x27
1  0x14635f  0x879ac7  0x8    0x8
2  0x66ffe9  0xcceec5  0x22  0x22
3  0x1b09a1  0xe1a78   0x11  0x11
4  0x581f8   0xfa906   0x31  0x31
..      ...      ...      ...
194 0x4583c5  0x66c790  -0x19  NaN
195 0x35d061  0x87bd72  -0x21  NaN
196 0x30796f  0x40ab0b   0x10  NaN
197 0xd1948   0x6c3b4d  0x11  NaN
198 0x225866   0x27    0x4   NaN
```

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[199 rows x 4 columns]
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***** Module convertNumbers
convertNumbers.py:12:0: C0301: Line too long (129/100) (line-too-long)
convertNumbers.py:18:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:24:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:30:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:225:0: C0301: Line too long (108/100) (line-too-long)
convertNumbers.py:241:0: C0305: Trailing newlines (trailing-newlines)
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:45:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:60:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:75:0: C0116: Missing function or method docstring (missing-function-docstring)
convertNumbers.py:75:11: C0103: Argument name "n" doesn't conform to snake_case naming style (invalid-name)
convertNumbers.py:77:12: C0209: Formatting a regular string which could be a f-string (consider-using-f-string)
convertNumbers.py:7:0: W0611: Unused numpy imported as np (unused-import)
```

Your code has been rated at 7.25/10 (previous run: 7.06/10, +0.20)

```
(base) Air de Andrei:Desktop andrei$ python convertNumbers.py

      TC1      TC2      TC3      TC4
0  01101010100001100010000  011011001001011111101000  11111111111111111011001  11111111111111111011001
1  00010100011000101011111  100001111001101011000111  00000000000000000001000  00000000000000000001000
2  01100101111111111101001  000011001100111011000101  00000000000000000100010  00000000000000000100010
3  00010110000100110100001  000011100001101001111000  0000000000000000010001  0000000000000000010001
4  00000101100000011111000  000011111010100100000110  00000000000000000110001  00000000000000000110001
..      ...      ...      ...
194 010001011000001111000101  011001101100011110010000  11111111111111111101000  NaN
195 001101011101000001100001  100001111011110101110010  11111111111111111101111  NaN
196 001100000111100101101111  01000000101010100001011  0000000000000000010000  NaN
197 000011010001100101001000  011011000011101101001101  0000000000000000010001  NaN
198 001000100101100001100110  00000000000000000100111  0000000000000000000100  NaN
```

```
[199 rows x 4 columns]
      TC1      TC2      TC3      TC4
0  0x6a8310  0x6c97e8  -0x27  -0x27
1  0x14635f  0x879ac7   0x8   0x8
2  0x66ffe9  0xccec5   0x22  0x22
3  0x1b09a1  0xe1a78   0x11  0x11
4  0x581f8   0xfa906   0x31  0x31
..      ...      ...      ...
194 0x4583c5  0x66c790  -0x19  NaN
195 0x35d061  0x87bd72  -0x21  NaN
196 0x30796f  0x40ab0b   0x10  NaN
197 0xd1948   0x6c3b4d   0x11  NaN
198 0x225866   0x27    0x4   NaN
```

```
[199 rows x 4 columns]
(base) Air de Andrei:Desktop andrei$ pylint convertNumbers.py
***** Module convertNumbers
convertNumbers.py:11:0: C0301: Line too long (129/100) (line-too-long)
convertNumbers.py:17:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:23:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:29:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:224:0: C0301: Line too long (108/100) (line-too-long)
convertNumbers.py:240:0: C0305: Trailing newlines (trailing-newlines)
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:44:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:59:0: W0104: Statement seems to have no effect (pointless-statement)
convertNumbers.py:74:0: C0116: Missing function or method docstring (missing-function-docstring)
convertNumbers.py:76:12: C0209: Formatting a regular string which could be a f-string (consider-using-f-string)
```

Your code has been rated at 7.60/10 (previous run: 7.25/10, +0.35)

```
(base) Air de Andrei:Desktop andrei$ python convertNumbers.py

      TC1      TC2      TC3      TC4
0  01101010100001100010000  011011001001011111101000  11111111111111111011001  11111111111111111011001
1  00010100011000101011111  100001111001101011000111  00000000000000000001000  00000000000000000001000
2  01100101111111111101001  000011001100111011000101  00000000000000000100010  00000000000000000100010
3  00010110000100110100001  000011100001101001111000  0000000000000000010001  0000000000000000010001
4  00000101100000011111000  000011111010100100000110  00000000000000000110001  00000000000000000110001
..      ...      ...      ...
194 010001011000001111000101  011001101100011110010000  11111111111111111101000  NaN
195 001101011101000001100001  100001111011110101110010  11111111111111111101111  NaN
196 001100000111100101101111  01000000101010100001011  0000000000000000010000  NaN
197 000011010001100101001000  011011000011101101001101  0000000000000000010001  NaN
198 001000100101100001100110  00000000000000000100111  0000000000000000000100  NaN
```

```
[199 rows x 4 columns]
      TC1      TC2      TC3      TC4
0  0x6a8310  0x6c97e8  -0x27  -0x27
1  0x14635f  0x879ac7   0x8   0x8
2  0x66ffe9  0xccec5   0x22  0x22
3  0x1b09a1  0xe1a78   0x11  0x11
4  0x581f8   0xfa906   0x31  0x31
..      ...      ...      ...
194 0x4583c5  0x66c790  -0x19  NaN
195 0x35d061  0x87bd72  -0x21  NaN
196 0x30796f  0x40ab0b   0x10  NaN
197 0xd1948   0x6c3b4d   0x11  NaN
198 0x225866   0x27    0x4   NaN
```

```
[199 rows x 4 columns]
(base) Air de Andrei:Desktop andrei$ pylint convertNumbers.py
***** Module convertNumbers
convertNumbers.py:11:0: C0301: Line too long (129/100) (line-too-long)
convertNumbers.py:17:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:23:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:29:0: C0301: Line too long (130/100) (line-too-long)
convertNumbers.py:218:0: C0301: Line too long (108/100) (line-too-long)
convertNumbers.py:227:0: 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:68:0: C0116: Missing function or method docstring (missing-function-docstring)
convertNumbers.py:70:12: C0209: Formatting a regular string which could be a f-string (consider-using-f-string)
```

Your code has been rated at 7.92/10 (previous run: 7.60/10, +0.32)

(base) Air de Andrei:Desktop andrei\$