

## Programa 1

### Verificando código con pylint

```
PROBLEMS  DEBUG CONSOLE  OUTPUT  TERMINAL  PORTS
Your code has been rated at 8.39/10

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> pylint computeStatistics.py
***** Module computeStatistics
computeStatistics.py:9:0: C0301: Line too long (104/100) (line-too-long)
computeStatistics.py:83:0: C0304: Final newline missing (missing-final-newline)
computeStatistics.py:1:0: C0114: Missing module docstring (missing-module-docstring)
computeStatistics.py:1:0: C0103: Module name "computeStatistics" doesn't conform to snake_case naming style (invalid-name)
computeStatistics.py:5:0: C0116: Missing function or method docstring (missing-function-docstring)
computeStatistics.py:5:0: R0914: Too many local variables (22/15) (too-many-locals)
computeStatistics.py:33:11: W0718: Catching too general exception Exception (broad-exception-caught)
computeStatistics.py:17:13: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)
computeStatistics.py:78:9: W1514: Using open without explicitly specifying an encoding (unspecified-encoding)
computeStatistics.py:5:0: R0915: Too many statements (53/50) (too-many-statements)

-----
Your code has been rated at 8.21/10

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1>

-----
Your code has been rated at 9.44/10 (previous run: 8.21/10, +1.23)

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> pylint computeStatistics.py
***** Module computeStatistics
computeStatistics.py:84:0: C0304: Final newline missing (missing-final-newline)
computeStatistics.py:1:0: C0103: Module name "computeStatistics" doesn't conform to snake_case naming style (invalid-name)
computeStatistics.py:6:0: R0914: Too many local variables (22/15) (too-many-locals)

-----
Your code has been rated at 9.44/10 (previous run: 9.44/10, +0.00)

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> pylint computeStatistics.py

-----
Your code has been rated at 10.00/10 (previous run: 9.44/10, +0.56)

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1>
```

### Corremos programa con TC1.txt

```
(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> python computeStatistics.py TC1.txt
Error in line 400: Invalid data '405s'
Descriptive Statistics Results:
- Mean: 241.91
- Median: 239.00
- Mode: 393.00
- Standard Deviation: 145.39
- Variance: 21139.29
- Invalid lines: 1
- Time elapsed: 0.0040 seconds

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1>
```

Para intentar obtener los resultados dados por el tutor, corrijo el error

```
PROBLEMS  DEBUG CONSOLE  OUTPUT  TERMINAL  PORTS

-----
Your code has been rated at 10.00/10 (previous run: 9.86/10, +0.14)

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> python computeStatistics.py TC1.txt
Descriptive Statistics Results:
- Mean: 242.32
- Median: 239.50
- Mode: 393.00
- Standard Deviation: 145.44
- Variance: 21152.80
- Invalid lines: 0
- Time elapsed: 0.0092 seconds

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1>
```

## Corremos programa con TC2.txt

```
(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> python computeStatistics.py TC2.txt
Descriptive Statistics Results:
- Mean: 250.78
- Median: 247.00
- Mode: 230.00
- Standard Deviation: 144.21
- Variance: 20795.89
- Invalid lines: 0
- Time elapsed: 0.0163 seconds

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> █
```

## Corremos programa con TC3.txt

```
(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> python computeStatistics.py TC3.txt
Descriptive Statistics Results:
- Mean: 249.78
- Median: 249.00
- Mode: 94.00
- Standard Deviation: 145.32
- Variance: 21118.95
- Invalid lines: 0
- Time elapsed: 0.0239 seconds
```

## Corremos programa con TC4.txt

```
PROBLEMS  DEBUG CONSOLE  OUTPUT  TERMINAL  PORTS  poetry ⚠

- Invalid lines: 0
- Time elapsed: 0.0239 seconds

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> python computeStatistics.py TC4.txt
Descriptive Statistics Results:
- Mean: 149.00
- Median: 147.75
- Mode: 123.75
- Standard Deviation: 130.42
- Variance: 17009.27
- Invalid lines: 0
- Time elapsed: 0.0266 seconds
```

## Corremos programa con TC5.txt

```
PROBLEMS  DEBUG CONSOLE  OUTPUT  TERMINAL  PORTS  poetry ⚠ + - □ ☒ ... ^

- Time elapsed: 0.0266 seconds

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> python computeStatistics.py TC5.txt
Error in line 5: Invalid data 'ABA'
Error in line 155: Invalid data '23,45'
Error in line 232: Invalid data '11;54'
Error in line 239: Invalid data '11'
Descriptive Statistics Results:
- Mean: 241.50
- Median: 241.00
- Mode: 466.00
- Standard Deviation: 145.70
- Variance: 21229.17
- Invalid lines: 4
- Time elapsed: 0.0146 seconds

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> █
```

## Corremos programa con TC6.txt

En el documento de respuestas la moda sale como nA sin embargo luego de evaluar la data y usar Excel para verificar podemos comprobar que si existe moda.

```
(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> python computeStatistics.py TC6.txt
Descriptive Statistics Results:
- Mean: 187966599279774728192.00
- Median: 188008049965542998016.00
- Mode: 374846462174394974288.00
- Standard Deviation: 107399951657667608576.00
- Variance: 11534749616069338239761958751339425038336.00
- Invalid lines: 0
- Time elapsed: 0.0169 seconds

(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> python computeStatistics.py TC5.txt
```

Corremos programa con TC6.txt

En el documento de respuestas la moda sale como nA sin embargo luego de evaluar la data y usar Excel para verificar podemos comprobar que si existe moda.

```
(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P1> python computeStatistics.py TC7.txt
Error in line 183: Invalid data 'ABBA'
Error in line 229: Invalid data 'ERROR'
Descriptive Statistics Results:
- Mean: 247467395499714904064.00
- Median: 246640973074290016256.00
- Mode: 499994082497150976000.00
- Standard Deviation: 144611310601233121280.00
- Variance: 20912431153806321107417444778947884613632.00
- Invalid lines: 2
- Time elapsed: 0.0377 seconds
```

## Programa 2

Verificando código con pylint

```
PROBLEMS  DEBUG CONSOLE  OUTPUT  TERMINAL  PORTS
(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P2> pylint convert_numbers.py
***** Module convert_numbers
convert_numbers.py:50:0: C0303: Trailing whitespace (trailing-whitespace)
convert_numbers.py:53:0: C0303: Trailing whitespace (trailing-whitespace)
convert_numbers.py:55:0: C0303: Trailing whitespace (trailing-whitespace)
convert_numbers.py:59:0: C0303: Trailing whitespace (trailing-whitespace)
convert_numbers.py:65:0: C0303: Trailing whitespace (trailing-whitespace)
convert_numbers.py:68:0: C0303: Trailing whitespace (trailing-whitespace)
convert_numbers.py:70:0: C0303: Trailing whitespace (trailing-whitespace)
convert_numbers.py:73:0: C0303: Trailing whitespace (trailing-whitespace)
convert_numbers.py:75:0: C0303: Trailing whitespace (trailing-whitespace)
convert_numbers.py:78:0: C0303: Trailing whitespace (trailing-whitespace)
convert_numbers.py:1:0: C0114: Missing module docstring (missing-module-docstring)
```

-----  
Your code has been rated at 8.23/10 (previous run: 0.00/10, +8.23)

```
(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P2>
```

```
(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P2> pylint convert_numbers.py
```

-----  
Your code has been rated at 10.00/10 (previous run: 9.84/10, +0.16)

```
(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\P2>
```

Cambiamos el nombre sugerido del archivo main a convert\_numbers.py porque ese nombre sigue la normativa PEP-8, el sugerido para la tarea no.

TC1.txt

No se puede mostrar todo lo que imprimió la terminal pero esta es la parte final. Cabe mencionar que valores no coinciden con el documento de resultados dado por el tutor

porque ese esta realizado con otros valores en el documento TC1. .Sin embargo se usaron otras herramientas para comprobar respuestas.

```
Number: 4281218 | Binary: 10000010101001110000010 | Hexadecimal: 415382
Number: 6558883 | Binary: 11001000001010010100011 | Hexadecimal: 6414A3
Number: 3852986 | Binary: 1110101100101010111010 | Hexadecimal: 3ACABA
Number: 6263187 | Binary: 10111111001000110010011 | Hexadecimal: 5F9193
Number: 5828308 | Binary: 10110001110111011010100 | Hexadecimal: 58EED4
Number: 8058535 | Binary: 11110101111011010100111 | Hexadecimal: 7AF6A7
Number: 9035191 | Binary: 100010011101110110110111 | Hexadecimal: 89DDB7
Number: 7922103 | Binary: 11110001110000110110111 | Hexadecimal: 78E1B7
Number: 9366003 | Binary: 100011101110100111110011 | Hexadecimal: 8EE9F3
Number: 4555717 | Binary: 10001011000001111000101 | Hexadecimal: 4583C5
Number: 3526753 | Binary: 1101011101000001100001 | Hexadecimal: 35D061
Number: 3176815 | Binary: 1100000111100101101111 | Hexadecimal: 30796F
Number: 858440 | Binary: 11010001100101001000 | Hexadecimal: D1948
Number: 2250854 | Binary: 1000100101100001100110 | Hexadecimal: 225866
Execution Time: 0.012004 seconds
```

TC2.txt

No se puede mostrar todo lo que imprimió la terminal pero esta es la parte final. Cabe mencionar que valores no coinciden con el documento de resultados dado por el tutor porque ese esta realizado con otros valores en el documento TC2. .Sin embargo se usaron otras herramientas para comprobar respuestas.

PROBLEMS	DEBUG CONSOLE	OUTPUT	TERMINAL	PORTS
Number: 1372809	Binary: 101001111001010001001	Hexadecimal: 14F289		
Number: 1327984	Binary: 101000100001101110000	Hexadecimal: 144370		
Number: 9205087	Binary: 10001100011101010101111	Hexadecimal: 8C755F		
Number: 6524241	Binary: 11000111000110101010001	Hexadecimal: 638D51		
Number: 9316072	Binary: 100011100010011011101000	Hexadecimal: 8E26E8		
Number: 127744	Binary: 11111001100000000	Hexadecimal: 1F300		
Number: 8388820	Binary: 10000000000000011010100	Hexadecimal: 8000D4		
Number: 6883557	Binary: 11010010000100011100101	Hexadecimal: 6908E5		
Number: 2291239	Binary: 1000101111011000100111	Hexadecimal: 22F627		
Number: 3101270	Binary: 1011110101001001010110	Hexadecimal: 2F5256		
Number: 1382825	Binary: 101010001100110101001	Hexadecimal: 1519A9		
Number: 9873376	Binary: 100101101010011111100000	Hexadecimal: 96A7E0		
Number: 6873500	Binary: 11010001110000110011100	Hexadecimal: 68E19C		
Number: 8185634	Binary: 11111001110011100100010	Hexadecimal: 7CE722		
Number: 2464786	Binary: 1001011001110000010010	Hexadecimal: 259C12		
Number: 8387154	Binary: 1111111111101001010010	Hexadecimal: 7FFA52		
Number: 5581444	Binary: 10101010010101010000100	Hexadecimal: 552A84		
Number: 8097911	Binary: 11110111001000001110111	Hexadecimal: 7B9077		
Number: 8882527	Binary: 10000111100010010101111	Hexadecimal: 87895F		
Number: 8941444	Binary: 100010000110111110000100	Hexadecimal: 886F84		
Number: 4942703	Binary: 1001011011010110110111	Hexadecimal: 4B6B6F		
Number: 101144	Binary: 11000101100011000	Hexadecimal: 18B18		
Number: 7471180	Binary: 11100100000000001001100	Hexadecimal: 72004C		
Number: 1932131	Binary: 111010111101101100011	Hexadecimal: 1D7B63		
Number: 8052752	Binary: 11110101110000000010000	Hexadecimal: 7AE010		
Number: 6359493	Binary: 11000010000100111000101	Hexadecimal: 6109C5		
Number: 1967646	Binary: 111100000011000011110	Hexadecimal: 1E061E		
Number: 6575052	Binary: 11001000101001111001100	Hexadecimal: 6453CC		
Number: 2323342	Binary: 1000110111001110001110	Hexadecimal: 23738E		
Number: 6735760	Binary: 11001101100011110010000	Hexadecimal: 66C790		
Number: 8895858	Binary: 100001111011110101110010	Hexadecimal: 87BD72		
Number: 4238091	Binary: 10000001010101100001011	Hexadecimal: 40AB0B		
Number: 7093069	Binary: 11011000011101101001101	Hexadecimal: 6C3B4D		
Number: 39	Binary: 100111	Hexadecimal: 27		
Execution Time: 0.011998 seconds				

TC3.txt

No se puede mostrar todo lo que imprimió la terminal pero esta es la parte final. Cabe mencionar que valores no coinciden con el documento de resultados dado por el tutor porque ese esta realizado con otros valores en el documento TC3.Sin embargo se usaron otras herramientas para comprobar respuestas.

```
PROBLEMS    DEBUG CONSOLE    OUTPUT    TERMINAL    PORTS

Number: 36 | Binary: 100100 | Hexadecimal: 24
Number: 22 | Binary: 10110 | Hexadecimal: 16
Number: 27 | Binary: 11011 | Hexadecimal: 1B
Number: 31 | Binary: 11111 | Hexadecimal: 1F
Number: -47 | Binary: 11010001 | Hexadecimal: D1
Number: -43 | Binary: 11010101 | Hexadecimal: D5
Number: 0 | Binary: 0 | Hexadecimal: 0
Number: 27 | Binary: 11011 | Hexadecimal: 1B
Number: 30 | Binary: 11110 | Hexadecimal: 1E
Number: 12 | Binary: 1100 | Hexadecimal: C
Number: -15 | Binary: 11110001 | Hexadecimal: F1
Number: -19 | Binary: 11101101 | Hexadecimal: ED
Number: -42 | Binary: 11010110 | Hexadecimal: D6
Number: -37 | Binary: 11011011 | Hexadecimal: DB
Number: 31 | Binary: 11111 | Hexadecimal: 1F
Number: -10 | Binary: 11110110 | Hexadecimal: F6
Number: 18 | Binary: 10010 | Hexadecimal: 12
Number: 33 | Binary: 100001 | Hexadecimal: 21
Number: -15 | Binary: 11110001 | Hexadecimal: F1
Number: 17 | Binary: 10001 | Hexadecimal: 11
Number: 25 | Binary: 11001 | Hexadecimal: 19
Number: -25 | Binary: 11100111 | Hexadecimal: E7
Number: -5 | Binary: 11111011 | Hexadecimal: FB
Number: 33 | Binary: 100001 | Hexadecimal: 21
Number: -13 | Binary: 11110011 | Hexadecimal: F3
Number: 33 | Binary: 100001 | Hexadecimal: 21
Number: -10 | Binary: 11110110 | Hexadecimal: F6
Number: 47 | Binary: 101111 | Hexadecimal: 2F
Number: 47 | Binary: 101111 | Hexadecimal: 2F
Number: -13 | Binary: 11110011 | Hexadecimal: F3
Number: -32 | Binary: 11100000 | Hexadecimal: E0
Number: 1 | Binary: 1 | Hexadecimal: 1
Number: 1 | Binary: 1 | Hexadecimal: 1
Number: -25 | Binary: 11100111 | Hexadecimal: E7
Number: -33 | Binary: 11011111 | Hexadecimal: DF
Number: 16 | Binary: 10000 | Hexadecimal: 10
Number: 17 | Binary: 10001 | Hexadecimal: 11
Number: 4 | Binary: 100 | Hexadecimal: 4
Execution Time: 0.004001 seconds
```

TC4.txt

No se puede mostrar todo lo que imprimió la terminal pero esta es la parte final. Cabe mencionar que valores no coinciden con el documento de resultados dado por el tutor porque ese esta realizado con otros valores en el documento TC4.Sin embargo se usaron otras herramientas para comprobar respuestas.

PROBLEMS

DEBUG CONSOLE

OUTPUT

TERMINAL

PORTS

```
Number: 8 | Binary: 1000 | Hexadecimal: 8
Number: 34 | Binary: 100010 | Hexadecimal: 22
Number: 17 | Binary: 10001 | Hexadecimal: 11
Number: 49 | Binary: 110001 | Hexadecimal: 31
Number: 5 | Binary: 101 | Hexadecimal: 5
Number: 0 | Binary: 0 | Hexadecimal: 0
Number: 33 | Binary: 100001 | Hexadecimal: 21
Number: 12 | Binary: 1100 | Hexadecimal: C
Number: -6 | Binary: 11111010 | Hexadecimal: FA
Number: 27 | Binary: 11011 | Hexadecimal: 1B
Number: -4 | Binary: 11111100 | Hexadecimal: FC
Number: -38 | Binary: 11011010 | Hexadecimal: DA
Number: 26 | Binary: 11010 | Hexadecimal: 1A
Number: 49 | Binary: 110001 | Hexadecimal: 31
Number: 29 | Binary: 11101 | Hexadecimal: 1D
Number: 42 | Binary: 101010 | Hexadecimal: 2A
Number: -16 | Binary: 11110000 | Hexadecimal: F0
Number: 34 | Binary: 100010 | Hexadecimal: 22
Number: 20 | Binary: 10100 | Hexadecimal: 14
Number: 0 | Binary: 0 | Hexadecimal: 0
Number: 25 | Binary: 11001 | Hexadecimal: 19
Number: 45 | Binary: 101101 | Hexadecimal: 2D
Number: 3 | Binary: 11 | Hexadecimal: 3
Number: -46 | Binary: 11010010 | Hexadecimal: D2
Number: -46 | Binary: 11010010 | Hexadecimal: D2
Number: 29 | Binary: 11101 | Hexadecimal: 1D
Number: 33 | Binary: 100001 | Hexadecimal: 21
Number: 29 | Binary: 11101 | Hexadecimal: 1D
Number: 26 | Binary: 11010 | Hexadecimal: 1A
Number: -5 | Binary: 11111011 | Hexadecimal: FB
Number: -36 | Binary: 11011100 | Hexadecimal: DC
Number: 12 | Binary: 1100 | Hexadecimal: C
Number: 45 | Binary: 101101 | Hexadecimal: 2D
Number: -50 | Binary: 11001110 | Hexadecimal: CE
Number: 0 | Binary: 0 | Hexadecimal: 0
Number: -6 | Binary: 11111010 | Hexadecimal: FA
Execution Time: 0.002099 seconds
```

Invalid Entries: ABC, ERR, VAL

### Programa 3

Cambiamos el nombre sugerido del archivo main a word\_count.py porque ese nombre sigue la normativa PEP-8, el sugerido para la tarea no.

Verificando código con pylint

```
(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\p2> pylint C:\Users\JulioRamos\Downloads\4.2.P1-errata\p3\word_count.py
-----
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)
(p1-py3.11) PS C:\Users\JulioRamos\Downloads\4.2.P1-errata\p2> █
```

TC1.txt

No se puede mostrar todo lo que imprimió la terminal pero esta es la parte final.



```
PROBLEMS  DEBUG CONSOLE  OUTPUT  TERMINAL  PORTS

nba: 1
newer: 1
nightmare: 1
nor: 1
oakland: 1
p: 1
password: 1
pct: 1
pens: 1
permission: 1
permissions: 1
peter: 1
photography: 1
pin: 1
potentially: 1
pubmed: 1
recorded: 1
regulatory: 1
rl: 1
scoring: 1
seats: 1
seed: 1
shadow: 1
shower: 1
significance: 1
sparc: 1
sure: 1
tab: 1
taxes: 1
tea: 1
teaches: 1
tions: 1
trained: 1
uni: 1
vagina: 1
wan: 1
webcast: 1
worse: 1

Execution Time: 0.012027 seconds
```

TC2.txt

No se puede mostrar todo lo que imprimió la terminal pero esta es la parte final.

```
PROBLEMS  DEBUG CONSOLE  OUTPUT  TERMINAL  PORTS

remained: 1
rentals: 1
resort: 1
responsibilities: 1
returned: 1
revenues: 4
rio: 1
rule: 1
sectors: 1
serious: 1
sides: 1
sorry: 1
southampton: 1
sq: 1
ss: 1
steve: 1
stores: 1
str: 1
sweden: 1
table: 1
targeted: 4
tba: 1
teen: 1
textiles: 1
tiger: 1
touch: 1
turkish: 1
undo: 1
unity: 1
variety: 1
vessels: 1
vice: 1
violence: 1
way: 1
weight: 1
win: 1
wood: 3

Execution Time: 0.021696 seconds
```

TC3.txt

No se puede mostrar todo lo que imprimió la terminal pero esta es la parte final.

```
two: 1
uc: 1
undergraduate: 1
underground: 1
unless: 1
unlikely: 1
usa: 1
used: 1
uses: 1
utils: 1
vagina: 1
validity: 1
vibrators: 1
victory: 1
virginia: 1
voice: 1
vs: 1
waiver: 1
wal: 1
walking: 1
want: 1
waste: 1
wave: 1
webshots: 1
widely: 1
williams: 1
windsor: 1
wma: 1
women: 1
wonder: 1
wooden: 1
works: 1
wrote: 1
ya: 1
you: 1
z: 1
zdnet: 1
```

Execution Time: 0.022511 seconds

TC4.txt

No se puede mostrar todo lo que imprimió la terminal pero esta es la parte final.

```
PROBLEMS  DEBUG CONSOLE  OUTPUT  TERMINAL  PORTS

wallpaper: 1
wang: 1
war: 1
warning: 1
warranties: 1
was: 1
washington: 1
watches: 1
wav: 1
weak: 1
weapons: 1
wearing: 1
website: 1
wedding: 1
weekly: 1
wild: 1
win: 1
winston: 1
wishlist: 1
with: 1
words: 1
work: 1
worker: 1
worry: 1
would: 1
wound: 1
wv: 1
y: 1
yellow: 1
yet: 1
yourself: 1
yu: 1
yukon: 1
z: 1
za: 2
zen: 1
zimbabwe: 2

Execution Time: 0.020062 seconds
```

TC5.txt

No se puede mostrar todo lo que imprimió la terminal pero esta es la parte final.

---

wrote: 2  
wt: 1  
wu: 1  
ww: 1  
www: 3  
wx: 1  
x: 2  
xerox: 1  
xhtml: 1  
xml: 2  
yamaha: 1  
yang: 1  
yarn: 3  
ye: 1  
yea: 1  
yeah: 1  
year: 1  
yearly: 1  
yeast: 1  
yemen: 1  
yen: 1  
yesterday: 2  
yield: 2  
yields: 1  
yn: 1  
yo: 2  
you: 1  
younger: 1  
yourself: 1  
yr: 2  
yrs: 3  
yugoslavia: 1  
yukon: 1  
zambia: 1  
zdnet: 2  
zealand: 1  
zen: 1

Execution Time: 0.027538 seconds