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Repo del código:

https://github.com/Eduardo-rico/pruebas_aseguramiento_calidad/blob/main/main.py

Statistics

- TC1

```
(base) erico@MacBook-Pro-de-Eduardo-2 otro % python main.py statistics P1/TC1.txt
Media: 241.91228070175438
Mediana: 239.0
Moda: 170.0
Varianza: 21086.305588532734
Desviación estándar: 145.21124470416447
(base) erico@MacBook-Pro-de-Eduardo-2 otro %
```

- TC2

```
(base) erico@MacBook-Pro-de-Eduardo-2 otro % python main.py statistics P1/TC2.txt
Media: 250.7840161861406
Mediana: 247.0
Moda: 230.0
Varianza: 20785.36913247925
Desviación estándar: 144.17131868884064
(base) erico@MacBook-Pro-de-Eduardo-2 otro %
```

- TC3

```
(base) erico@MacBook-Pro-de-Eduardo-2 otro % python main.py statistics P1/TC3.txt
Media: 249.77621989860583
Mediana: 249.0
Moda: 94.0
Varianza: 21117.277473163307
Desviación estándar: 145.3178498091797
(base) erico@MacBook-Pro-de-Eduardo-2 otro %
```

- TC4

```
(base) erico@MacBook-Pro-de-Eduardo-2 otro % python main.py statistics P1/TC4.txt
Media: 149.00267347908746
Mediana: 147.75
Moda: 123.75
Varianza: 17007.920843018863
Desviación estándar: 130.41441961308905
(base) erico@MacBook-Pro-de-Eduardo-2 otro %
```

- TC5

```

Desviación estándar: 150.41441901500905
● (base) erico@MacBook-Pro-de-Eduardo-2 otro % python main.py statistics P1/TC5.txt
Media: 241.49511400651465
Mediana: 241.0
Moda: 11.0
Varianza: 21160.02196309775
Desviación estándar: 145.46484786056646
> (base) erico@MacBook-Pro-de-Eduardo-2 otro %

```

- TC6

```

Desviación estándar: 145.46484786056646
● (base) erico@MacBook-Pro-de-Eduardo-2 otro % python main.py statistics P1/TC6.txt
Media: 1.8790659927977443e+20
Mediana: 1.88008049965543e+20
Moda: 9.6231693617084e+17
Varianza: 1.1530904699530652e+40
Desviación estándar: 1.0738205017381002e+20
> (base) erico@MacBook-Pro-de-Eduardo-2 otro %

```

- TC7

```

Desviación estándar: 145.46484786056646
● (base) erico@MacBook-Pro-de-Eduardo-2 otro % python main.py statistics P1/TC7.txt
Media: 2.474673954997162e+20
Mediana: 2.4664097307429e+20
Moda: 4.30461588377079e+18
Varianza: 2.0910793147136532e+40
Desviación estándar: 1.446056470098472e+20

```

Conversions

- TC1

```
1065463: Binario 100000100000111110111, Hex 1041F7
1105617: Binario 100001101111011010001, Hex 10DED1
5325800: Binario 10100010100001111101000, Hex 5143E8
3822527: Binario 1110100101001110111111, Hex 3A53BF
5503858: Binario 10100111111101101110010, Hex 53FB72
9214055: Binario 100011001001100001100111, Hex 8C9867
6521769: Binario 11000111000001110101001, Hex 6383A9
7923796: Binario 11110001110100001010100, Hex 78E854
5250236: Binario 10100000001110010111100, Hex 501CBC
1083154: Binario 100001000011100010010, Hex 108712
472141: Binario 1110011010001001101, Hex 7344D
9597454: Binario 100100100111001000001110, Hex 92720E
1581679: Binario 110000010001001101111, Hex 18226F
656751: Binario 10100000010101101111, Hex A056F
345464: Binario 1010100010101111000, Hex 54578
4281218: Binario 10000010101001110000010, Hex 415382
6558883: Binario 11001000001010010100011, Hex 6414A3
3852986: Binario 1110101100101010111010, Hex 3ACABA
6263187: Binario 10111111001000110010011, Hex 5F9193
5828308: Binario 10110001110111011010100, Hex 58EED4
8058535: Binario 11110101111011010100111, Hex 7AF6A7
9035191: Binario 100010011101110110110111, Hex 89DDB7
7922103: Binario 11110001110000110110111, Hex 78E1B7
9366003: Binario 100011101110100111110011, Hex 8EE9F3
4555717: Binario 10001011000001111000101, Hex 4583C5
3526753: Binario 1101011101000001100001, Hex 35D061
3176815: Binario 1100000111100101101111, Hex 30796F
858440: Binario 11010001100101001000, Hex D1948
2250854: Binario 1000100101100001100110, Hex 225866
```

```
(base) erico@MacBook-Pro-de-Eduardo-2 otro %
```

- TC2

```

2291239: Binario 1000101111011000100111, Hex 22F627
3101270: Binario 1011110101001001010110, Hex 2F5256
1382825: Binario 101010001100110101001, Hex 1519A9
9873376: Binario 100101101010011111100000, Hex 96A7E0
6873500: Binario 11010001110000110011100, Hex 68E19C
8185634: Binario 11111001110011100100010, Hex 7CE722
2464786: Binario 1001011001110000010010, Hex 259C12
8387154: Binario 11111111111101001010010, Hex 7FFA52
5581444: Binario 10101010010101010000100, Hex 552A84
8097911: Binario 11110111001000001110111, Hex 7B9077
8882527: Binario 100001111000100101011111, Hex 87895F
8941444: Binario 100010000110111110000100, Hex 886F84
4942703: Binario 10010110110101101101111, Hex 4B6B6F
101144: Binario 11000101100011000, Hex 18B18
7471180: Binario 11100100000000001001100, Hex 72004C
1932131: Binario 111010111101101100011, Hex 1D7B63
8052752: Binario 11110101110000000010000, Hex 7AE010
6359493: Binario 11000010000100111000101, Hex 6109C5
1967646: Binario 111100000011000011110, Hex 1E061E
6575052: Binario 11001000101001111001100, Hex 6453CC
2323342: Binario 1000110111001110001110, Hex 23738E
6735760: Binario 11001101100011110010000, Hex 66C790
8895858: Binario 100001111011110101110010, Hex 87BD72
4238091: Binario 10000001010101100001011, Hex 40AB0B
7093069: Binario 11011000011101101001101, Hex 6C3B4D
39: Binario 100111, Hex 27

```

• (base) erico@MacBook-Pro-de-Eduardo-2:~\$ cat /dev/urandom | fold -w 64 | tr -dc '01' | fold -w 64 | tr -d '\n' | xxd -r -p > /dev/null

- TC3

```

2291239: Binario 1000101111011000100111, Hex 22F627
3101270: Binario 1011110101001001010110, Hex 2F5256
1382825: Binario 101010001100110101001, Hex 1519A9
9873376: Binario 100101101010011111100000, Hex 96A7E0
6873500: Binario 11010001110000110011100, Hex 68E19C
8185634: Binario 11111001110011100100010, Hex 7CE722
2464786: Binario 1001011001110000010010, Hex 259C12
8387154: Binario 11111111111101001010010, Hex 7FFA52
5581444: Binario 10101010010101010000100, Hex 552A84
8097911: Binario 11110111001000001110111, Hex 7B9077
8882527: Binario 100001111000100101011111, Hex 87895F
8941444: Binario 100010000110111110000100, Hex 886F84
4942703: Binario 10010110110101101101111, Hex 4B6B6F
101144: Binario 11000101100011000, Hex 18B18
7471180: Binario 11100100000000001001100, Hex 72004C
1932131: Binario 111010111101101100011, Hex 1D7B63
8052752: Binario 11110101110000000010000, Hex 7AE010
6359493: Binario 11000010000100111000101, Hex 6109C5
1967646: Binario 111100000011000011110, Hex 1E061E
6575052: Binario 11001000101001111001100, Hex 6453CC
2323342: Binario 1000110111001110001110, Hex 23738E
6735760: Binario 11001101100011110010000, Hex 66C790
8895858: Binario 100001111011110101110010, Hex 87BD72
4238091: Binario 10000001010101100001011, Hex 40AB0B
7093069: Binario 11011000011101101001101, Hex 6C3B4D
39: Binario 100111, Hex 27

```

• (base) erico@MacBook-Pro-de-Eduardo-2:~\$ cat /dev/urandom | fold -w 64 | tr -dc '01' | fold -w 64 | tr -d '\n' | xxd -r -p > /dev/null

- TC4

```
-19: Binario b10011, Hex X13
-42: Binario b101010, Hex X2A
-37: Binario b100101, Hex X25
31: Binario 11111, Hex 1F
-10: Binario b1010, Hex XA
18: Binario 10010, Hex 12
33: Binario 100001, Hex 21
-15: Binario b1111, Hex XF
17: Binario 10001, Hex 11
25: Binario 11001, Hex 19
-25: Binario b11001, Hex X19
-5: Binario b101, Hex X5
33: Binario 100001, Hex 21
-13: Binario b1101, Hex XD
33: Binario 100001, Hex 21
-10: Binario b1010, Hex XA
47: Binario 101111, Hex 2F
47: Binario 101111, Hex 2F
-13: Binario b1101, Hex XD
-32: Binario b100000, Hex X20
1: Binario 1, Hex 1
1: Binario 1, Hex 1
-25: Binario b11001, Hex X19
-33: Binario b100001, Hex X21
16: Binario 10000, Hex 10
17: Binario 10001, Hex 11
4: Binario 100, Hex 4
```

```
(base) erico@MacBook-Pro-de-Eduardo-2 otro %
```

Counting
- TC1

permissions: 1
recorded: 1
cgi: 1
confirm: 1
hyundai: 1
exhaust: 1
malpractice: 1
pens: 1
potentially: 1
glenn: 1
scoring: 1
andrews: 1
assessed: 1
adventures: 1
meals: 1
mortality: 1
club: 1
mon: 1
comm: 1
blues: 1
collect: 1
lies: 1
seats: 1
worse: 1
guestbook: 1
influences: 1
kodak: 1
significance: 1
coastal: 1

• (base) erica@MacBook-Pro-d

- TC2

```
frozen: 1
corp: 1
undo: 1
tba: 1
way: 1
filter: 1
win: 1
attending: 1
returned: 1
anchor: 1
sides: 1
defence: 1
biz: 1
form: 1
feeding: 1
rentals: 1
practical: 1
steve: 1
serious: 1
mens: 1
faculty: 1
initiative: 1
variety: 1
ion: 1
interface: 1
remained: 1
icons: 1
excessive: 1
jon: 1
(base) erico@MacBoo
```

- TC3

purchases: 1
insert: 1
improving: 1
devil: 1
dodge: 1
cables: 1
std: 1
create: 1
nipples: 1
jane: 1
holmes: 1
tea: 1
butler: 1
motels: 1
newfoundland: 1
cutting: 1
clocks: 1
infrared: 1
cowboy: 1
hormone: 1
windsor: 1
census: 1
uc: 1
declined: 1
index: 1
equipped: 1
src: 1
gradually: 1
placing: 1

- TC4

racks: 1
innocent: 1
campaigns: 1
christina: 1
bulletin: 1
synthesis: 1
so: 1
commerce: 1
offensive: 1
updating: 1
interaction: 1
received: 1
ma: 1
hdtv: 1
rates: 1
powerful: 1
was: 1
computing: 1
cells: 1
contained: 1
replaced: 1
calling: 1
mailman: 1
extent: 1
corpus: 1
sv: 1
wishlist: 1
expired: 1
circular: 1

- TC5

spectacular: 1
regulated: 1
richards: 1
moved: 1
minute: 1
peak: 1
mods: 1
philosophy: 1
lc: 1
throw: 1
lifestyle: 1
whats: 1
microsoft: 1
mail: 2
tom: 1
proc: 1
nano: 1
letters: 1
sri: 1
tests: 1
proceeds: 1
seo: 1
pounds: 1
suggesting: 1
texas: 1
postposted: 1
realty: 1
vaccine: 1
relocation: 1