In [4]:
```
import pandas as pd
import numpy as np
data = np.array(['g','a','u','r','a','v'])
Is=pd.Series(data)
print(Is)
```

```
0    g
1    a
2    u
3    r
4    a
5    v
dtype: object
```

In [5]:
```
import numpy as np
speed=[99,86,87,88,111,86,103,87,94,78,77,85,86]
x=np.mean(speed)
print(x)
```

```
89.76923076923077
```

In [6]:
```
import numpy as np
speed=[99,86,87,88,111,86,103,87,94,78,77,85,86]
x=np.median(speed)
print(x)
```

```
87.0
```

In [7]:
```
import numpy as np
speed=[99,86,87,88,86,103,87,94,78,77,85,86]
x=np.median(speed)
print(x)
```

```
86.5
```

In [10]:
```
from scipy import stats
speed=[99,86,87,88,111,86,103,87,94,78,77,85,86]
x=stats.mode(speed)
print(x)
```

```
ModeResult(mode=array([86]), count=array([3]))
```

In [11]:
```
import numpy as np
x=np.random.uniform(0.0,5.0,250)
print(x)
```

```
[4.78763629 2.78991192 1.9943777  4.22056201 0.31243227 0.57482062
 0.80666353 4.26385571 0.42972827 4.13109707 0.12354269 1.11670149
 4.53527027 3.93850742 0.44457143 3.10350226 3.55567221 2.26762644
 1.21404469 4.52819131 4.18825324 3.44368781 0.53076468 0.46377317
 4.7809119  2.21371488 2.03428821 3.878271   4.0047372  1.45490934
 0.06084105 2.6755405  1.62493113 3.84644187 2.80466321 3.89784539
 0.55729086 0.3813605  0.87326774 4.60105522 2.55874017 3.80170784
 4.86697328 1.17732946 1.36111513 2.18863437 3.87744696 0.78787127
 1.12552614 1.64862267 4.72125289 2.19758925 1.19497316 2.5605565
 3.38185542 2.68052115 1.23500087 2.75400023 4.57366799 4.07627977
 3.47645897 4.6691233  4.60197277 3.95503824 1.58137355 4.28083058
 2.84669674 1.68678363 4.35227334 1.17802007 3.26885916 0.39530475
 3.84679164 0.44665731 1.43378778 1.95263663 3.66061523 1.10140284
 2.23513427 4.08781374 3.64583957 3.12861937 2.0759375  4.13547202
 0.72302402 4.84723337 2.67465961 1.88925379 2.92052378 2.19957821
 0.17702152 2.7312507  1.5045208  0.04633242 1.73211825 1.7857748
 1.95074603 0.73084209 0.69445388 1.18134756 4.68843979 3.24462936
 4.69038857 0.57733445 1.48158456 4.01394745 1.4709982  0.01815909
 2.80536988 0.41593536 4.42494745 0.41548742 0.50759037 3.99158997
 1.3070349  2.97187682 3.89407889 3.92161282 2.55404276 3.60858689
 3.06400274 0.82629728 0.54259932 3.57135933 0.91711658 1.68701611
 3.47842762 4.64029856 0.09274531 2.02279665 1.52660535 1.92537179
 4.21031155 0.81753737 4.0298523  3.03645615 1.91896229 4.5484938
 0.85212039 0.09437946 3.44949496 1.90016648 4.5739931  3.94471797
 3.70719948 0.62229573 1.13658591 4.04514886 2.91100848 0.97325113
 0.07291452 0.55726895 4.91652488 2.11856861 4.74646637 3.71717317
 1.49274592 2.37594968 2.7526176  3.84796813 4.84330153 1.22868628
 1.32118494 0.59284098 3.73425416 2.02855206 0.6053831  1.40680643
 2.02857738 3.49426157 3.39913366 3.99782872 4.39107093 3.92420069
 3.48614827 4.74877488 4.02186105 0.15693435 0.51608012 0.5325671
 4.29627429 4.98766989 2.77171516 2.83573652 3.73698845 4.39457267
 2.62542729 2.88325548 3.3719143  0.22437456 3.22302217 2.54750849
 4.12671093 4.03302573 3.38773033 0.30912706 2.77342846 1.02557638
 0.99957245 0.02951855 1.10708402 0.73405713 4.57142779 2.75790308
 3.49059672 3.76475198 0.73949111 2.7064646  0.31933649 4.97063155
 3.37795414 0.24633038 4.52596047 2.1150112  3.93011053 1.59974806
 4.8241566  1.31367152 0.04746925 3.71726675 4.55803258 3.36685779
 1.36246066 4.60008476 2.55252221 0.24700348 3.33244915 4.15898843
 3.46380212 0.52752482 3.35140662 3.75289589 2.62413409 2.47906209
 0.4047162  0.35757076 0.1996549  4.02062183 1.65213755 4.01542149
 0.50065696 2.9885423  3.76085377 2.41708544 3.9725418  4.0085494
 0.58612818 0.1907672  4.32196188 3.02984783]
```

In [ ]:
```
```