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Class - 3rd year
Section - CSE

In [1]: `import numpy as np`

In [2]: `x = np.array([1,2,3,4,5,6,7,2,8,9,2,3])`

In [3]: `x`

Out[3]: `array([1, 2, 3, 4, 5, 6, 7, 2, 8, 9, 2, 3])`

In [4]: `print(np.mean(x))`

4.333333333333333

In [5]: `print(np.median(x))`

3.5

In [6]: `print(np.mode(x))`

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AttributeError                                Traceback (most recent call last)  
Cell In[6], line 1  
----> 1 print(np.mode(x))  
  
File ~\anaconda3\Lib\site-packages\numpy\__init__.py:320, in __getattr__(attr)  
    317     from .testing import Tester  
    318     return Tester  
--> 320 raise AttributeError("module {!r} has no attribute "  
    321                        "{!r}".format(__name__, attr))  
  
AttributeError: module 'numpy' has no attribute 'mode'
```

In [7]: `from scipy import stats`

In [8]: `print(stats.mode(x))`

ModeResult(mode=2, count=3)

In [9]: `print(np.std(x))`

2.5276251480171834

In [10]: `print(np.var(x))`

6.388888888888888

In []: