In [9]:
```
import pandas as pd
import numpy as np
import scipy.stats as stats
data = np.array([6, 7, 7, 12, 13, 13, 15, 16, 19, 22])
n=np.array([1, 2, 3, 4, 5, 6, 7, 8, 9, 0])
stats.zscore(data)
import seaborn as sns
import scipy.stats as stats
import matplotlib.pyplot as plt

plt.plot(data)
plt.hist(data)
plt.pie(data)
plt.scatter(data,n)
plt.grid()
plt.bar(data,n,color='Pink')


#another example
data = np.array([[16, 11, 10, 9, 8],
                 [8, 8, 7, 7, 6],
                 [5, 5, 4, 4, 3]])
stats.zscore(data, axis=1)
```

Out[9]:
```
array([[ 1.86669121,  0.07179582, -0.28718326, -0.64616234, -1.00514142],
       [ 1.06904497,  1.06904497, -0.26726124, -0.26726124, -1.60356745],
       [ 1.06904497,  1.06904497, -0.26726124, -0.26726124, -1.60356745]])
```

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