**Numpy Challenge**

**Challenge 1**

Write a NumPy program to compute the mean, standard deviation, and variance of a given array along the second axis. Use np.arange function to generate 20 numbers starting from 0.

**Challenge 2**

Write a NumPy program to compute the histogram of nums against the bins. Label your x-axis with nums and y-axis with bins. Add a title to the histogram: Histogram of nums against bins.   
Sample Output:  
nums: [0.5 0.7 1. 1.2 1.3 2.1]  
bins: [0 1 2 3]  
Result: (array([2, 3, 1], dtype=int64), array([0, 1, 2, 3]))