In what follows please use NumPy /do not use pandas.

1. Given an integer, n, say(0< n<100), perform the following conditional actions:

* If  n is odd, print Weird
* If n  is even and in the inclusive range of 2  to 5 , print Not Weird
* If n  is even and in the inclusive range of 6  to 20, print Weird
* If  n is even and greater than 20, print Not Weird

1. Write a function what computes the maximum between two scalars. Convert that function  to work on two arrays. HINT: use numpy.vectorize
2. Generate 100 random variables which follow normal distribution with mean 2 and standard deviation 5. Compute their mean, median and variance. HINT use numpy.random.normal, numpy.median
3. Insert np.nan values at 20 random positions into the array from the previous exercise HINT use np.random.choice
4. Find the number and position of missing values in the array from the above exercise. HINT use np.where, np.isnan
5. Reshape the array with missing values to be a 10 by 10 2d array.
6. Drop rows that contain a missing value from 2d e array resulted in problem 6.
7. Generate 1d array of 20 Poisson random variables with mean 10.
8. Rank the values in the array from problem 8 from the smallest to the largest
9. Perform min-max transformation with elements of the array from problem 9 so that all values will be inside [0,1] interval.