Analytics Worksheet

1. Create a list of 20 numbers, then:
   a. Sort the list
   b. Find the largest and smallest number in the list

2. `myList = [9, 4, 3, -5, 10, -1, 15, -3, 12, 1]`
   a. Write a program to replace all the values less than zero in myList with the max number of the list.

3. Using the following lists, calculate the min, max and mean

   `ages = [32, 31, 30, 37, 37, 33]`
   `earnings = [120000, 30000, 75000, 45000, 27000, 64000]`

4. Given the following list: [1,9,3,2,3,7,6,5,8,9,1,10]
   Calculate the following:
   a. Minimum and Maximum values
   b. Mean, median, mode