

Create a program that finds (min,max,mean,mode,median,range,variance,STD,quartiles and IQR)

- The program will take a list of numbers and find the above requirements
- it should contain 11 functions for each requirement
- **Do not** use built in functions and make sure you handle Errors

Your program:

```
def get_numbers() that takes list from user
def find_min(numbers) returns min
def find_max(numbers) returns max
def find_mean(numbers) returns mean
def find_mode(numbers) returns mode
def find_median(numbers) returns median
def find_range(numbers) returns range
def find_variance(numbers) returns variance
def find_STD(numbers) returns STD
def find_Quariles(numbers) returns Q1, Q2, Q3
def find_IQR(numbers) returns Interquartile range
```

INPUT:

[12, 18, 7, 10, 16, 14, 11, 8, 12, 15]

OUTPUT:

Min: 7
Max: 18
Mean: 12.3
Mode: [12]
Median: 12.0
Range: 11
Variance: 12.23
Standard Deviation: 3.40961
Quartiles: (10, 12,15)

Interquartile Range (IQR): 5