

## Statistic Assignment 1.

Q.4)

What is the value of the 99 percentile?

2, 2, 3, 4, 5, 5, 5, 6, 7, 8, 8, 8, 8, 8, 9,  
9, 10, 11, 11, 12.

$$\text{Value} = \frac{\text{Percentile}}{100} \times N$$

$$= \frac{99}{100} \times 20$$

$$= 19.8$$

The 99 percentile value is = 11.5