

Ques

Assignment 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

Ans: $\text{value} = \frac{\text{Percentile}}{100} \times (n+1)$

$$= \frac{99}{100} \times (20+1)$$

$$= \frac{99}{100} \times 21$$

$$= \underline{20.79} \text{ Index}$$

$$= 99 \text{ Percentile is } = \boxed{12}$$