

Assignment Question

Q What is the value of 99 percentile?

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

Soln

$$99 \text{ percentile} = \frac{99}{100} \times (n+1)$$

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

$$= 20.79 \text{ index}$$

i.e value is 12