How to construct a Box Plot
* Five number summary:
O Minimum Pixat Quaxtile (25%) Box Plot Median Third Quaxtile (75%) Helps to identify Maximum Outliers
→ <u>Identifying</u> outlier:
{1,2,2,2,3,3,4,5,5,5,6,6,6,6,7,8,8,9,27}
$Q1 = 25 \times (19+1)$ $Q3 = 75 \times (19+1)$ 100
= 5 th element = 15 th element = 15 th element = 15 th element
1QR = Q3-Q1= 7-3=4.
· Lower Fence = 01 - 1.5 x 1 0 R = 3 - 1.5 x y = -3
· Higher Pence = 93+1-5x19R = 7+1-5x4 = 13
Fence Range -> [-3 13]

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