M. Hasyim Abdillah P.  (11011910 95)    TT-43-11

1. Data setelah diurutkan :

25  27  28  29  30  30  30  31  32  32  33  71

Stem Leaf Diagram

| Stem | Leaf | F | F kumulatis |
|------|------|---|-------------|
| 2a   |          | 0 | 0  |
| 2b   |          | 0 | 0  |
| 2c   | 5        | 1 | 1  |
| 2d   | 7        | 1 | 2  |
| 2e   | 8, 9     | 2 | 4  |
| 3a   | 0,0,0, 1 | 4 | 8  |
| 3b   | 2, 2, 3  | 3 | 11 |
| 3c   |          | 0 | 11 |
| 3d   |          | 0 | 11 |
| 3e   |          | 0 | 11 |
| 7a   | 1        | 1 | 12 |

ket:

$a \rightarrow 0, 1$
$b \rightarrow 2, 3$
$c \rightarrow 4, 5$
$d \rightarrow 6, 7$
$e \rightarrow 8, 9$

$Q_1 = 28,25$
$Q_2 = 30,0$
$Q_3 = 32,0$
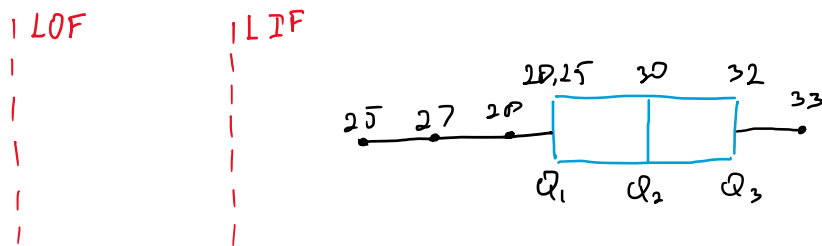
$IQR = 3,75$
One Step = 5,625
Two Step = 11,25

$LIF = 22,625$
$LOF = 17,0$
$UIF = 37,626$
$UOF = 43,25$

Box Whisker Plot



2. Data setelah diurutkan :

450  450  452  453  457  473  507  1066  1085  1111  1145

1215  1254  1364  1396  1575  1811  2588  2635  2753  3186

3227  3469

$Q_1 = 481,5$
$Q_2 = 1234,5$
$Q_3 = 2418,75$

$IQR = 1037,5$
One step = 2905,875
Two step = 5811,75

$LIF = -2424,375$
$LOF = -5330,25$
$UIF = 5324,625$
$UOF = 8230,5$

# Stem Leaf Diagram

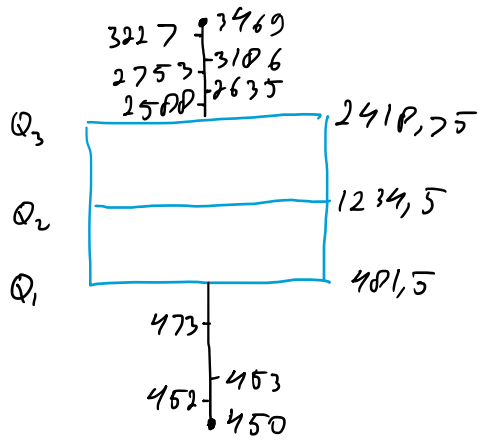| Stem | Leaf | F | F kumulatif |
|---|---|---|---|
| 4 | 50, 50, 52, 53, 57, 73 | 6 | 6 |
| 5 | 7 | 1 | 7 |
| 6 | - | 0 | 7 |
| 7 | - | 0 | 7 |
| 8 | - | 0 | 7 |
| 9 | - | 0 | 7 |
| 10 | 66, 85 | 2 | 9 |
| 11 | 11, 45 | 2 | 11 |
| 12 | 18, 54 | 2 | 13 |
| 13 | 64, 96 | 2 | 15 |
| 14 | - | 0 | 15 |
| 15 | 75 | 1 | 16 |
| 16 | - | 0 | 16 |
| 17 | 33 | 1 | 17 |
| 18 | - | 0 | 17 |
| 19 | 11 | 1 | 18 |
| 20 | - | 0 | 18 |
| 21 | - | 0 | 18 |
| 22 | - | 0 | 18 |
| 23 | - | 0 | 18 |
| 24 | - | 0 | 18 |
| 25 | 88 | 1 | 19 |
| 26 | 35 | 1 | 20 |
| 27 | 53 | 1 | 21 |
| 28 | - | 0 | 21 |
| 29 | - | 0 | 21 |
| 30 | - | 0 | 21 |
| 31 | 86 | 1 | 22 |
| 32 | 27 | 1 | 23 |
| 33 | - | 0 | 23 |
| 34 | 69 | 1 | 24 |

# Box Whisker Plot

UOF — — — — — — — — — — — — — — 8230,5

UIF — — — — — — — — — — — — — — 5234,625

$$3217 \bullet \quad 3469$$
$$2753 \mid 3106$$
$$2500 \mid 2635$$

$Q_3$ — 2418,75

$Q_2$ — 1234,5

$Q_1$ — 481,5

$$473 \mid$$
$$452 \mid 453$$
$$\bullet 450$$

LIF — — — — — — — — — — — — — — ~2424,375

LOF — — — — — — — — — — — — — — ~5330,25