1. Here are the ages of 12 people who work in a shop on Tuesday.

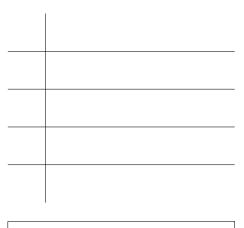 | 63 | 45 | 38 | 23 | 32 | 61 | 64 | 24 | 46 | 37 | 37 | 53 |

   Show this information in an ordered stem and leaf diagram.
   You must include a key.

   Key:

2. Iona has grown some lavender plants from seed.

   She has 16 one year old plants.

   Here are the heights, in centimetres, of Iona's lavender plants.

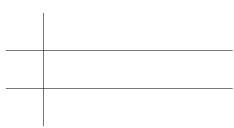 | 20 | 28 | 17 | 23 | 17 | 20 | 31 | 15 |
   | 21 | 16 | 29 | 25 | 30 | 18 | 34 | 25 |

   Show this information in an ordered stem and leaf diagram.

   Key:

Answers   1)   2)

2	3	4		
3	2	7	7	8
4	5	6		
5	3			
6	1	3	4	

1	5	6	7	7	8		
2	0	0	1	3	5	5	8	9
3	0	1	4				

Examples for key   2|3 = 23 or 3|2 = 32 etc.   1|5 = 15 cm or 2|0 = 20 cm etc.

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3. Here are the ages of 14 field trip centre staff.

    23   20   19   20   23   21   39   33   19   18   30   18   32   53
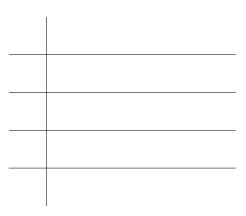
    Show this information in an ordered stem and leaf diagram.

    You must include a key.

    Key:

4. Some students are timed on how long they took to complete a puzzle.

    Each student solves the same puzzle twice.

    Here are the times, in seconds, 15 students took to solve the puzzle the first time.
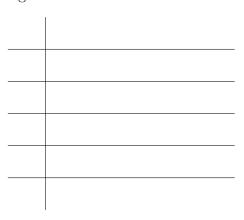
    36   43   31   65   33   23   40   78

        28   61   59   79   62   27   57

    Show this information in an ordered stem and leaf diagram.

    Key:

$Q3:$

1	8	8	9	9
2	0	0	1	3	3
3	0	2	3	9
4				
5	3			

$Q4:$

2	3	7	8
3	1	3	6
4	0	3	
5	7	9	
6	1	2	5
7	8	9	

e.g. for key $1|8 = 18$ or $2|0 = 20$ $2|3 = 23$ seconds or $3|1 = 31$ seconds