4 The back-to-back stem-and-leaf diagram shows the annual salaries of 19 employees at each of two companies, Petral and Ravon.

		Pet	tral			Ravon									
			3	0	0	30	2	6							
9	9	8	2	2	1	31	1	5							
		5	5	4	0	32	0	0	2						
			7	5	3	33	0	4	8	9					
				1	0	34	1	1	3	4	6				
						35	3								
					8	36	7	9							

Key: $2 \mid 31 \mid 5$ means \$31 200 for a Petral employee and \$31 500 for a Ravon employee.

_	Find the median and the interquartile range of the salaries of the Petral employees.	
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The median salary of the Ravon employees is $$33\,800$, the lower quartile is $$32\,000$ and the upper quartile is $$34\,400$.

(b) Represent the data shown in the back-to-back stem-and-leaf diagram by a pair of box-and-whisker

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