Saransh Gupta

question 1

a)

		12	~~36~~		56		

Below column under 12:
| 22 |
| 72 |
| 902 |
| 62 |
| 42 |

Below column under 56:
| 106 |
| 36 |
| 86 |
| 96 |

b)

	12	106	~~36~~	56	902		72	86	22	36		

↑
~~42~~

Below 902: 96

Below 36: 62

c)

62	72	86	12	902	22	36	42		56

Below: 96   106

Question 2

Insertions

| 32 | | 46 | 135 | 59 | 91 | 36 | 169 | 277 | | |

delete 34 and 46

| (132 | | | 135 | 59 | 91 | 36 | 169 | 277 | | |

insert 157

| 132 | | | 135 | 59 | 41 | 36 | 169 | 277 | 157 | |