Answer to the qstn no 1.

Sorting the values using Selection Sort:

List	5	8	1	4	9	6	7	3
Pass 1	1	8	5	4	9	6	7	3
Pass 2	1	3	5	4	9	6	7	8
Pass 3	1	3	4	5	9	6	7	8
Pass 4	1	3	4	5	9	6	7	8
Pass 5	1	3	4	5	6	9	7	8
Pass 6	1	3	4	5	6	7	9	8
Pass 7	1	3	4	5	6	7	8	9

Taking 7 random number of n values.

List: 35 50 15 25 80 20 45

Sorting the values using Quick Sort: