order.

To arrange the array element in the descending order compare the successive element during the comparison if the first element is smaller than the next element then they will be swaped. This process will be continuid tile the end of the array. At the end of the array the smallest element will be positioned to its rightmost position. When 0 sorted element By ignoring the sorted element repeat the above procedure for n-1 times were n is the size of the array. At the end of n-1th loop All the array element will be sorted in descending order.

<u>Trace of bubble sort in ascending order</u>

Let A is an array of N element having following valu

	0	1	2	3	4
a	8	2	9	5	1

```
      0   1   2   3   4
```

```
      0   1   2   3   4
```

Pass 1

| 2 | 8 | 5 | 9 | 9 | sorted