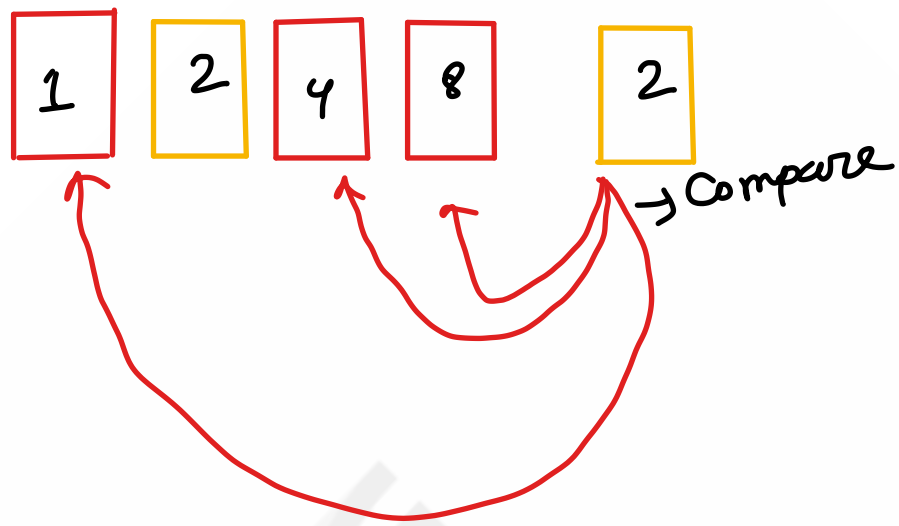
This Document has been modified with Flexcil app (Android) https://www.fexcil.com

Insertion Sort.

* The idea of insertion sort generated from Playing Card



Example:

[4, 1, 5, 2, 3] Current = 1
s us i=1
previous

[1, 4, 5, 2, 3] Current = 5
s us i=2
Previous

[1, 2, 4, 5, 3] Current = 2
s us i=3
Previous
(It's updated after every iteration)

[1, 2, 3, 4, 5] Current = 3
i=4
Previous

* Array [previous] > Current
A[Previous+1] = A[Previous]

```
* for(int i=1, i<n; i++) {
    current = arr[i],
    previous = i-1
    while(Previous>=0 && A[Previous]
          >Current)
    {
      A[Previous+1] = A[Previous]
      previous --,
    }
    A[Previous+1] = Current;
  }
```

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