

```
// Java: Array sort
Arrays.sort(pairs, new Comparator<int[]>(){
    public int compare(int[] a, int[] b) {
        if (a[0] == b[0])
            return a[1] - b[1];
        else return a[0] - b[0];
    }
});
```

```
// sort with lambda since Java 8, only the 2nd
Arrays.sort(pairs, (a, b) -> a[1] - b[1]);
```

```
// List can be sorted as well
Collections.sort(list, new Comparator<Dev>(){
    public int compare(Dev d1, Dev d2) {
        return d1.getAttr() - d2.getAttr();
    }
});
```

```
// C++
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```
private:
    static bool cmp(vector<int>& a, vector<int>& b) {
        return a[1] < b[1] || a[1] == b[1] && a[0] < b[0];
    }
    sort(pairs.begin(), pairs.end(), cmp);
```

```
// python
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```
sorted(pairs, key=lambda x: x[1])
```