Ex. Bubble Sort

Exercise: Write the 'mirror image' version of BubbleSort.
Exercise: Write the minor

Example:

Enhanced for loop:

```java
for (var : A) {
    ...
}
```
Ex. Binary Search
Ex. Prime.java

Multidimensional arrays

type[][][]

new type

new type

new type
Ex.

```
String[] list;  // 1-dim array
double[][][] table; // 2-dim array
int[][][] cube;  // 3-dim array
```

```
table = new double[4][5][7];
```

```
+---+---+---+---+---+---+
|   |   |   |   |   |   |
| 0 | 1 | 2 | 3 | 4 |   |
+---+---+---+---+---+---+
|   |   |   |   |   |   |
| 0 |   |   |   |   |   |
+---+---+---+---+---+---+
|   |   |   |   |   |   |
| 1 |   |   |   |   |   |
+---+---+---+---+---+---+
|   |   |   |   |   |   |
| 2 |   |   |   |   |   |
+---+---+---+---+---+---+
```

```
table[0][1][3] = 1;
```

```
table[2][4][3] = 2;
```
double[][] table = new double[4][5];

double[][] table = 
{  
  {1.1, 2.2, 3.3, 4.4, 5.5},  
  {1.2, 2.3, 3.4, 4.5, 5.6},  
  {    },  
  {    }  
};
creates:

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td>1.1</td>
<td>2.2</td>
<td>3.3</td>
<td>4.4</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ex Ranged.java