

100

Student Name: 蘇凡誼

A number line with boxes labeled 0 through 7. A red arrow points from 5 to 6, and a red diagonal line is drawn through the boxes for 6 and 7.

Array A

22	90	95	100	71	19	5	70
0	1	2	3	4	5	6	7

Array before step (with indices)
<div> <div>[ 27 ]</div> <div>[ 90 ]</div> <div>[ 95 ]</div> <div>[ 100 ]</div> <div>[ 71 ]</div> <div>[ 19 ]</div> <div>[ 5 ]</div> <div>[ 70 ]</div> </div> <div> <div>0</div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> </div>
Searching range: indices 0 to 7

Minimum element found: Value = <u>5</u> , Index = <u>0</u>																
Swap performed: Index 0 <-> Index <u>6</u>																
(Circle YES or NO): <u>YES</u> / NO																
Array after step (with indices)																
<table border="0"> <tr> <td>[ 5 ]</td> <td>[ 90 ]</td> <td>[ 95 ]</td> <td>[ 100 ]</td> <td>[ 71 ]</td> <td>[ 19 ]</td> <td>[ 22 ]</td> <td>[ 70 ]</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> </table>	[ 5 ]	[ 90 ]	[ 95 ]	[ 100 ]	[ 71 ]	[ 19 ]	[ 22 ]	[ 70 ]	0	1	2	3	4	5	6	7
[ 5 ]	[ 90 ]	[ 95 ]	[ 100 ]	[ 71 ]	[ 19 ]	[ 22 ]	[ 70 ]									
0	1	2	3	4	5	6	7									

Step2 (i = 1):

Array before step (with indices)																
<table border="0"> <tr> <td>[ 5 ]</td> <td>[ 90 ]</td> <td>[ 95 ]</td> <td>[ 100 ]</td> <td>[ 71 ]</td> <td>[ 19 ]</td> <td>[ 22 ]</td> <td>[ 70 ]</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> </table>	[ 5 ]	[ 90 ]	[ 95 ]	[ 100 ]	[ 71 ]	[ 19 ]	[ 22 ]	[ 70 ]	0	1	2	3	4	5	6	7
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Step3 (i = 2):

Array before step (with indices)																
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