

Student Worksheet Companion

Student Name: 李思媛

0	1	2	3	4	5	6	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>[22]</div> <div>[90]</div> <div>[45]</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>6</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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[5]	[19]	[95]	[100]	[71]	[90]	[22]	[70]									
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Step3 (i = 2):

Array before step (with indices)																
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0	1	2	3	4	5	6	7									
Searching range: indices 2 to 7																
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