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2/21/2017
Homework #2 Output

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How many numbers need to be sorted? 6

Here is the list of numbers read:
i = 0 x = 3
i = 1 x = 1
i = 2 x = 7
i = 3 x = 9
i = 4 x = 11
i = 5 x = 5
Here is the sorted array:
i = 0 x = 1
i = 1 x = 3
i = 2 x = 5
i = 3 x = 7
i = 4 x = 9
i = 5 x = 11

Which index element you want to modify? 2
Here is the array with a particular array element changed:
i = 0 x = 1
i = 1 x = 3
i = 2 x = 10
i = 3 x = 7
i = 4 x = 9
i = 5 x = 11

Here is the sorted array after a particular array element changed:
i = 0 x = 1
i = 1 x = 3
i = 2 x = 7
i = 3 x = 9
i = 4 x = 10
i = 5 x = 11
etuning@cscd-linux01:~/netstorage/CSCD240/HW2$ ./SortModifyArray_test
```

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How many numbers need to be sorted? 12

Here is the list of numbers read:
i = 0 x = 3
i = 1 x = 1
i = 2 x = 77
i = 3 x = 6
i = 4 x = 5
i = 5 x = 43
i = 6 x = 3
i = 7 x = 2
i = 8 x = 1
i = 9 x = 7
i = 10 x = 6
i = 11 x = 4
Here is the sorted array:
i = 0 x = 1
i = 1 x = 1
i = 2 x = 2
i = 3 x = 3
i = 4 x = 3
i = 5 x = 4
i = 6 x = 5
i = 7 x = 6
i = 8 x = 6
i = 9 x = 7
i = 10 x = 43
i = 11 x = 77

Which index element you want to modify? 7
Here is the array with a particular array element changed:
i = 0 x = 1
i = 1 x = 1
i = 2 x = 2
i = 3 x = 3
i = 4 x = 3
i = 5 x = 4
i = 6 x = 5
i = 7 x = 12
i = 8 x = 6
i = 9 x = 7
i = 10 x = 43
i = 11 x = 77

Here is the sorted array after a particular array element changed:
i = 0 x = 1
i = 1 x = 1
i = 2 x = 2
i = 3 x = 3
i = 4 x = 3
i = 5 x = 4
i = 6 x = 5
i = 7 x = 6
i = 8 x = 7
i = 9 x = 12
i = 10 x = 43
i = 11 x = 77
etuning@cscd-linux01:~/netstorage/CSCD240/HW2$
```

```
How many numbers need to be sorted? 3

Here is the list of numbers read:
i = 0 x = 1
i = 1 x = 90
i = 2 x = 2
Here is the sorted array:
i = 0 x = 1
i = 1 x = 2
i = 2 x = 90

Which index element you want to modify? 2
Here is the array with a particular array element changed:
i = 0 x = 1
i = 1 x = 2
i = 2 x = 180

Here is the sorted array after a particular array element changed:
i = 0 x = 1
i = 1 x = 2
i = 2 x = 180
etuning@cscd-linux01:~/netstorage/CSCD240/HW2$
```