

## Activity 5

a = E A S Y Q U E S T I O N  
0 1 2 3 4 5 6 7 8 9 10 11

i min  $a[j] < a[j-1] == \text{True}$ , then Interchange.

↖  
E A swap.

A | E S Y Q U E S T I O N  
0 | 1 2 3 4 5 6 7 8 9 10 11

i min E  
2 ~~2~~ 1

A E S Y Q U E S T I O N  
i min  
3 3

A E S Y Q U E S T I O N  
i min  
4 ~~4~~ ~~3~~ 2

A E Q S Y U E S T I O N  
i min  
5 ~~5~~ 4

A E Q S U Y E S T I O N  
i min  
6 ~~6~~ ~~5~~ ~~4~~ ~~3~~ ~~2~~

A E E Q S U Y S T I O N  
i min  
7 ~~7~~ ~~6~~ 5

A E E Q S S U Y T I O N  
i min  
8 ~~8~~ ~~7~~ 6

A E E Q S S T U Y I O N

i MM

9 ~~q~~ ~~q~~ ~~q~~ ~~q~~ ~~q~~ ~~q~~ 3

A E E I O S S T U Y O N

i MM

10 ~~NO~~ ~~q~~ ~~q~~ ~~q~~ ~~q~~ ~~q~~ 4

A E E I O O S S T U Y N

i MM

11 ~~q~~ ~~q~~ ~~q~~ ~~q~~ ~~q~~ ~~q~~ 4

A E E I N O O S S T U Y