



# Ak Sorting Algorithm

- Designed by Ahmad Hassan

# Algorithm Steps:

- **1)Start**
- **2)Find Max & Min Index**
- **3) Swap the Value of Max & Min index at its exact location**
- **4)Repeats these steps until the Array is Sorted**
- **5)End**

# Grapical Representation

[ 0 ]	[ 1 ]	[ 2 ]	[ 3 ]	[ 4 ]	[ 5 ]	...
8	1	2	9	3	5	

[ 0 ]	[ 1 ]	[ 2 ]	[ 3 ]	[ 4 ]	[ 5 ]	...
1	8	2	9	3	5	

[ 0 ]	[ 1 ]	[ 2 ]	[ 3 ]	[ 4 ]	[ 5 ]	...
1	8	2	5	3	9	

# Graphical Representation

[ 0 ]	[ 1 ]	[ 2 ]	[ 3 ]	[ 4 ]	[ 5 ]	...
1	8	2	5	3	9	

[ 0 ]	[ 1 ]	[ 2 ]	[ 3 ]	[ 4 ]	[ 5 ]	...
1	2	8	5	3	9	

[ 0 ]	[ 1 ]	[ 2 ]	[ 3 ]	[ 4 ]	[ 5 ]	...
1	2	3	5	8	9	

# Graphical Representation

[ 0 ]	[ 1 ]	[ 2 ]	[ 3 ]	[ 4 ]	[ 5 ]	...
1	2	3	5	8	9	

[ 0 ]	[ 1 ]	[ 2 ]	[ 3 ]	[ 4 ]	[ 5 ]	...
1	2	3	5	8	9	