

## 2) (5 pts) DSN (Sorting)

Show the state of the array below for each iteration of *selection sort*:

Original	13	27	12	9	88	45	22	31
1 <sup>st</sup> iteration	13	27	12	9	31	45	22	88
2 <sup>nd</sup> iteration	13	27	12	9	31	22	45	88
3 <sup>rd</sup> iteration	13	27	12	9	22	31	45	88
4 <sup>th</sup> iteration	13	22	12	9	27	31	45	88
5 <sup>th</sup> iteration	13	9	12	22	27	31	45	88
6 <sup>th</sup> iteration	12	9	13	22	27	31	45	88
7 <sup>th</sup> iteration	9	12	13	22	27	31	45	88

**Grading: 1 pt per row, row has to be perfect to get the point for that row**