Radix Sort

— Herman Hollerith   1887   invented this

no= 789

MSD   LSD

most
Significant
Digit

Least Significant Digit

Largest = 890 i.e. 3 digit

			Pass – I			Pass-II			Pass-III		
0	0	5	8	9	0	0	0	5	0	0	5
0	1	7	4	3	1	0	0	8	0	0	8
0	0	8	0	5	2	0	1	7	0	1	7
7	8	5	6	9	2	4	3	1	0	5	2
8	9	0	4	4	3	4	4	3	0	9	9
8	8	9	0	0	5	0	5	2	4	3	1
4	3	1	7	8	5	7	8	5	4	4	3
0	5	2	0	1	7	8	8	9	6	9	2
4	4	3	0	0	8	8	9	0	7	8	5
0	9	9	8	8	9	6	9	2	8	8	9
6	9	2	0	9	9	0	9	9	8	9	0
			Sorting on least significant digit			Sorting on digits at 10's place			Sorting on digits at 100's place		