

Initial Input: Array A

27	91	1	97	17	23	84	28	72	5	67	25
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First pass values for Count.
rtol = 1.

0	1	2	3	4	5	6	7	8	9
0	2	1	1	1	2	0	4	1	0

Count array:
Index positions for Array B.

0	1	2	3	4	5	6	7	8	9		
0	2	3	4	5	7	7	11	12	12		
91	1	72	23	84	5	25	27	97	17	67	28
0	1	2	3	4	5	6	7	8	9	10	11

End of Pass 1: Array A.

Second pass values for Count.
rtol = 10.

0	1	2	3	4	5	6	7	8	9
2	1	4	0	0	0	1	1	1	2

Count array:
Index positions for Array B.

0	1	2	3	4	5	6	7	8	9		
2	3	7	7	7	7	8	9	10	12		
1	5	17	23	25	27	28	67	72	84	91	97
0	1	2	3	4	5	6	7	8	9	10	11

End of Pass 2: Array A.