



Program Output:

#Three randomly selected array elements in order

#The first line for INSERTION-SORT and the second for MERGE-SORT.

#[i]	A[i]	[j]	A[j]	[k]	A[k]
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2	16	3	21	8	75
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0	10	3	21	8	75
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2	21	10	109	12	130
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5	60	8	81	15	146
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1	2	16	155	28	282
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7	80	12	122	29	296
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3	54	24	242	33	307
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3	42	17	166	27	255
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10	80	28	292	36	355
11	97	25	260	42	385
17	170	31	349	55	543
12	99	27	262	58	559
7	20	35	384	63	663
10	34	23	250	54	538
22	196	46	443	62	628
17	134	35	348	76	760
18	205	56	571	79	792
29	307	37	424	60	614
25	260	38	439	87	812
19	188	50	508	85	801
6	59	51	480	97	1008
15	169	50	478	101	1018
21	250	59	523	80	869
27	286	64	561	113	1117
4	92	47	442	106	1070
28	281	84	804	102	1029

11	69	68	630	110	1059
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45	382	87	757	92	813
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11	153	82	832	100	1087
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1	13	79	812	141	1409
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7	53	87	836	141	1422
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39	337	94	878	129	1290
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36	394	70	785	148	1536
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32	362	92	993	116	1195
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27	229	111	1165	156	1561
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13	108	102	1072	172	1718
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45	437	68	676	153	1517
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56	556	115	1198	136	1383
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61	569	77	750	142	1454
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9	80	79	763	193	1958
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#n	IS_t	IS_0	MS_t	MS_0
10	12	21.619	10	5.32884
20	5	86.4762	9	13.866
30	6	194.571	12	23.614

40	6	345.905	13	34.1485
50	8	540.476	15	45.2677
60	9	778.286	16	56.8529
70	10	1059.33	18	68.8256
80	13	1383.62	19	81.1301
90	15	1751.14	21	93.7246
100	16	2161.9	23	106.577
110	22	2615.9	25	119.661
120	22	3113.14	25	132.955
130	25	3653.62	27	146.443
140	29	4237.33	31	160.109
150	31	4864.29	33	173.941
160	37	5534.48	34	187.926
170	40	6247.9	37	202.057
180	43	7004.57	38	216.324
190	49	7804.48	39	230.719
200	56	8647.62	41	245.236