



A: normal random array. B: sorted array. C: reversed of B

Average Queue Time :

n	A	B	C
10	273	216	374
110	2632	1670	3619
210	4987	3320	6985
310	7664	4942	10281
410	10788	6970	14148
510	12742	8643	16942
610	14811	9572	20114
710	16914	10890	22709
810	20095	13271	26738
910	23835	16354	31498
1010	25872	16906	34295

Waiting Time :

n	A:n/3	B:n/3	C:n/3	A:2n/3	B:2n/3	C:2n/3	A:n	B:n	C:n
10	132	60	271	325	212	438	535	545	545
110	1728	500	3082	3394	2119	4781	5242	5334	5334
210	3279	1008	5921	6596	4465	9378	10257	10388	10388
310	4982	1509	8680	10087	6565	13700	15175	15321	15321
410	7198	2276	11856	14705	9143	18803	21067	21142	21142
510	8561	3020	14014	17158	11576	22570	25536	25590	25590
610	9761	2825	16935	19722	12696	26843	29639	29698	29698
710	11143	3531	19283	22622	14220	30037	33553	33629	33629
810	13459	4353	22296	26780	17732	35675	39961	40029	40029
910	15972	5699	25855	31571	21954	42142	47800	47880	47880
1010	17297	5291	28537	34625	22570	45886	51152	51245	51245

Although the total times spent in these three cases are very close. When we look at waiting times of three jobs for all the three cases for element numbers $n/3$, $2n/3$, it's easy to know that sorted array spent the less and the reversed of it spent the most.

(The text of these dates in the next page.)

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n	A	B	C
10	273	216	374
110	2632	1670	3619
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Waiting Time :

n	A:n/3	B:n/3	C:n/3	A:2n/3	B:2n/3	C:2n/3
	A:n	B:n	C:n			
10	132	60	271	325	212	438
	535	545	545			
110	1728	500	3082	3394	2119	4781
	5242	5334	5334			
210	3279	1008	5921	6596	4465	9378
	10257	10388	10388			
310	4982	1589	8688	10087	6565	13700
	15175	15321	15321			
410	7198	2276	11856	14705	9143	18803
	21067	21142	21142			
510	8561	3020	14014	17158	11576	22570
	25536	25590	25590			
610	9761	2825	16935	19722	12696	26843
	29639	29698	29698			
710	11143	3531	19283	22622	14220	30037
	33553	33629	33629			
810	13459	4353	22296	26780	17732	35675
	39961	40029	40029			
910	15972	5699	25855	31571	21954	42142
	47800	47880	47880			
1010	17297	5291	28537	34625	22570	45886
	51152	51245	51245			