

SORT S

Sorting times can be reduced to less than 40 percent of Jack Kahoun's (V4N1OP31) shortest random number times with the accompanying 62 step routine. Ten numbers require 15 seconds and 22 numbers take 71 seconds.

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Numbers to be sorted are stored in registers R_1 to R_n ($n \leq 24$).
 Keying n **[A]** sorts the numbers in increasing order.

Larry Simpson(1925)

001	*LBLA	21	11	022	XZY	-41	043	R4	-31
002	CF0	16	22 00	023	R4	-31	044	STOI	35 45
003	STOI	35	46	024	XZY?	16-35	045	R4	-31
004	*LBLP	21	00	025	XZY	-41	046	DSZI	16 25 46
005	RCLi	36	46	026	R4	16-31	047	GT02	22 02
006	ST00	35	00	027	DSZI	16 25 46	048	RCL0	36 00
007	RCLi	36	45	028	GT02	22 02	049	STOI	35 46
008	DSZI	16	25 46	029	ISZI	16 26 46	050	R4	-31
009	F0?	16	23 00	030	ISZI	16 26 46	051	*LBL?	21 03
010	RTN		24	031	ISZI	16 26 46	052	STOI	35 45
011	RCLi	36	45	032	GT03	22 03	053	DSZI	16 25 46
012	XZY?	16-35		033	*LBL2	21 02	054	R4	-31
013	XZY	-41		034	RCLi	36 45	055	*LBL4	21 04
014	DSZI	16	25 46	035	XZY?	16-35	056	STOI	35 45
015	GT01	22	01	036	XZY	-41	057	DSZI	16 25 46
016	ISZI	16	26 46	037	R4	-31	058	R4	-31
017	ISZI	16	26 46	038	XZY?	16-35	059	STOI	35 45
018	GT04	22	04	039	XZY	-41	060	DSZI	16 25 46
019	*LBL1	21	01	040	R4	-31	061	GT00	22 00
020	RCLi	36	45	041	XZY?	16-35	062	RTN	24
021	XZY?	16-35		042	XZY	-41			