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1620 GENERAL PROGRAM LIBRARY

Perpetual Calendar

11. 0. 022

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1620 USERS GROUP PROGRAM REVIEW AND EVALUATION

(fill out in typewriter or pencil, do not use ink)

Program No. \_\_\_\_\_

Date \_\_\_\_\_

Program Name: \_\_\_\_\_

1. Does the abstract adequately describe what the program is and what it does? Yes \_\_\_ No \_\_\_  
Comment \_\_\_\_\_
2. Does the program do what the abstract says? Yes \_\_\_ No \_\_\_  
Comment \_\_\_\_\_
3. Is the Description clear, understandable, and adequate? Yes \_\_\_ No \_\_\_  
Comment \_\_\_\_\_
4. Are the Operating Instructions understandable and in sufficient detail? Yes \_\_\_ No \_\_\_  
Comment \_\_\_\_\_  
Are the Sense Switch options adequately described (if applicable)? Yes \_\_\_ No \_\_\_  
Are the mnemonic labels identified or sufficiently understandable? Yes \_\_\_ No \_\_\_  
Comment \_\_\_\_\_
5. Does the source program compile satisfactorily (if applicable)? Yes \_\_\_ No \_\_\_  
Comment \_\_\_\_\_
6. Does the object program run satisfactorily? Yes \_\_\_ No \_\_\_  
Comment \_\_\_\_\_
7. Number of test cases run \_\_\_\_\_. Are any restrictions as to data, size, range, etc. covered adequately in description? Yes \_\_\_ No \_\_\_  
Comment \_\_\_\_\_
8. Does the Program Meet the minimal standards of the 1620 Users Group? Yes \_\_\_ No \_\_\_  
Comment \_\_\_\_\_
9. Were all necessary parts of the program received? Yes \_\_\_ No \_\_\_  
Comment \_\_\_\_\_
10. Please list on the back any suggestions to improve the usefulness of the program. These will be passed onto the author for his consideration.

Please return to:

Mr. Richard L. Pratt  
Data Corporation  
7500 Old Xenia Pike  
Dayton, Ohio 45432

Your Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

User Group Code \_\_\_\_\_

THIS REVIEW FORM IS PART OF THE 1620 USER GROUP ORGANIZATION'S PROGRAM REVIEW AND EVALUATION PROCEDURE. NONMEMBERS ARE CORDIALLY INVITED TO PARTICIPATE IN THIS EVALUATION.

Perpetual Calendar

DECK KEY

1. Program Deck

Author: W. B. Earl  
University of Canterbury  
P. O. Box 1471  
Christchurch  
New Zealand

Modifications or revisions to this program, as they occur, will be announced in the appropriate Catalog of Programs for IBM Data Processing Systems. When such an announcement occurs, users should order a complete new program from the Program Information Department.

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PROGRAM ABSTRACT

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File No : 11.0

Title : PERPETUAL CALENDAR

Subject  
Classification : Demonstration

Code ; 11.0

Author : W.B. EARL,  
University of Canterbury,  
P.O. Box 1471,  
Christchurch,  
NEW ZEALAND.

Description : This program gives the day of the week for any date (A.D.)  
in the Gregorian Calendar, entered numerically at the  
typewriter keyboard in logical sequence (viz: day,  
month, year).  
Appropriate messages are typed out for invalid entries  
(e.g. 31.11.1962)  
It is an excellent demonstration program for non-special-  
ists, most of whom know what a calendar is.

Mathematical  
Method : N/A

Restrictions.  
Range : Upper limit is approximately 8000 A.D., which is consid-  
ered satisfactory for most applications.

Storage  
Requirements : 4000 digits approximately.

Running Time : One second per entry approximately.

Source Language : SPS I

Test Status : Has given many successful performances.

Equipment  
Specifications : Basic 20K card 1620 with divide hardware.

PERPETUAL CALENDAR

By

W.B. Earl,  
University of Canterbury,  
P.O. Box 1471,  
Christchurch,  
NEW ZEALAND.

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Operating Procedure

1. Clear memory.
2. Load Program
3. Set : Parity and I/O switches to STOP  
OVERFLOW switch to PROGRAM  
All sense switches OFF.
4. Hit START. Now follow the instructions typed.
5. The sense switches can be used for suppressing some remarks,  
correcting entries and for obtaining age if so desired. See use below.

SW 1 If ON suppresses typing of PLEASE TAKE MORE CARE WITH  
YOUR FIGURES after comment following each invalid date.  
If OFF does not suppress the above type out.

SW 2 If ON suppresses typing of TRY ANOTHER ONE after each calculation.  
If OFF does not suppress above type out.

SW 3 For use with birth dates.  
If ON M/C types age for any date after the first.

SW 4 For use in correcting entries at the T/W.  
If a mistake in entry is made turn SW 4 ON, push R-S,  
turn SW 4 OFF and proceed by typing in correct entry.

PERPETUAL CALENDAR

C1010	BAR	RCTY
C1020	WATY	STAR
C1030	RCTY	
C1040	WATY	STAR1
C1050	RCTY	
C1060	RCTY	
C1070	WATY	STAR2
C1080	RCTY	
C1090	START	RNTY DA-1
C1100	BC4	START
C1110	SF	DA-1
C1120	SF	MO-1
C1130	SF	YE-3
C1140	CM	MO, 12, 10,
C1150	BH	MONTY
C1160	CM	DA, 31, 10,
C1170	BH	DAY
C1171	CM	MO, 1, 10
C1172	BE	ZERM
C1173	CM	DA, 1, 10
C1174	BE	ZERD
C1180	MOBH	CM MO, 2, 10,
C1190	BE	WKE
C1200	CM	MO, 4, 10,
C1210	BE	THIR
C1220	CM	MO, 6, 10,
C1230	BE	THIR
C1240	CM	MO, 9, 10,
C1250	BE	THIR
C1260	CM	MO, 11, 10,
C1270	BNE	WKE
C1271	B	WKE-24
C1272	TFM	DSMO, 30, 10
C1273	TDM	THIR+1, 9
C1274	TDM	WKE+1, 9
C1275	TDM	LYER+37, 9
C1276	TDM	NLYER+25, 9
C1277	B	AGETP+12
C1280	CM	DA, 30, 10,
C1290	BH	DAYA
C1291	B	*+36
C1292	TFM	DSMO, 31, 10
C1293	B	THIR+24
C1300	TF	TRANS, YE,
C1310	LD	95, YE,
C1320	DM	92, 4, 10,
C2010	TF	FYE, 93
C1020	LD	95, YE,
C2030	DM	92, 100, 9
C2040	TF	HYE, 92
C2050	LD	95, YE
C2060	DM	92, 400, 3
C2070	TF	FHYE, 92
C2080	A	TRANS, FYE
C2081	BV	OVER
C2090	A	TRANS, FHYE

PROGRAM LISTING

C217	24	0010	00102
C218	30	05127	00100
C2202	34	00000	00102
C2214	38	05222	00100
C2226	34	00000	00102
C2238	34	00000	00102
C2250	38	05225	00100
C2262	34	00000	00102
C2274	36	06133	00100
C2286	46	02274	00400
C2298	32	06133	00000
C2310	22	06141	00000
C2322	32	06144	00000
C2334	14	06142	00012
C2346	46	02320	01100
C2358	14	06139	00031
C2370	46	02370	01100
C2382	14	06142	00000
C2394	46	04794	01200
C2406	14	06135	00000
C2418	46	04730	01200
C2430	14	06142	00002
C2442	46	02653	01200
C2454	14	06142	00004
C2466	46	02550	01200
C2478	14	06142	00006
C2490	46	02550	01200
C2502	14	06142	00008
C2514	46	02550	01200
C2526	14	06142	00011
C2538	47	02653	01200
C2550	49	02634	00000
C2562	16	06129	00030
C2574	15	02551	00000
C2586	15	02653	00000
C2598	15	03079	00000
C2610	15	03137	00009
C2622	49	04206	00000
C2634	14	06139	00030
C2646	46	03906	01100
C2658	49	02634	00000
C2670	16	06125	00031
C2682	49	02574	00000
C2694	26	06127	06147
C2706	28	00005	06147
C2718	19	00092	00004
C2730	26	06123	00093
C2742	28	00095	06147
C2754	19	00092	00100
C2766	26	06119	00092
C2778	28	00095	06147
C2790	19	00092	00000
C2802	26	06115	00092
C2814	21	06127	06123
C2826	46	04366	01400
C2838	21	06127	06115

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02001 BV OVER  
 02100 S TRANS,HYE  
 02110 MM FYE,4,10  
 02111 SF 06  
 02120 TF FYE,00  
 02120 MM HYE,100,9  
 02121 SF 06  
 02140 TF HYE,00  
 02150 MM FHYE,400,9  
 02151 SF 06  
 02170 C YE,09  
 02170 BE LYER  
 02170 C YE,HYE  
 02200 BE NLYER  
 02210 C YE,FYE  
 02220 BH NLYER  
 02230 CLYER CM MO,2,10  
 02240 BH ALPHA  
 02250 BL JAFLY  
 02251 B \*\*36  
 02252 TFM DSMO,2,10  
 02253 B THIR+24  
 02260 CM DA,2,10  
 03010 BH FEBLY  
 03020 JAFLY SM TRANS,1,10  
 03030 B ALPHA  
 03040 NLYER CM MO,2,10  
 03050 BNE ALPHA  
 03051 B \*\*36  
 03052 TFM DSMO,23,10  
 03053 B THIR+24  
 03060 CM DA,2,10  
 03070 BH FEBNLY  
 03080 ALPHA CM MO,1,10  
 03090 BE M6  
 03100 CM MO,3,10  
 03110 BNH M3  
 03120 CM MO,5,10  
 03130 BL M7  
 03140 BE M5  
 03150 CM MO,7,10  
 03160 BL M2  
 03170 BE M7  
 03180 CM MO,9,10  
 03190 BL M4  
 03200 3E M1  
 03210 CM MO,11,10  
 03220 BE M3  
 03230 BL M6  
 03240M1 AM TRANS,1,10  
 03250M2 AM TRANS,1,10  
 03260M3 AM TRANS,1,10  
 04010M4 AM TRANS,1,10  
 04020M5 AM TRANS,1,10  
 04030M6 AM TRANS,1,10  
 04040M7 A TRANS,DA  
 04050 LD 00,TRANS  
 04060 DM 06,7,10  
 04090 SPTY

02350 46 04366 01400  
 02362 22 06127 06119  
 02374 13 06123 00004  
 02386 32 00096 00000  
 02398 26 06123 00099  
 02410 13 06119 00100  
 02422 32 00096 00000  
 02434 26 06119 00099  
 02446 13 06115 00400  
 02458 32 00096 00000  
 02470 24 06147 00099  
 02482 46 03042 01200  
 02494 24 06147 06119  
 03006 46 03162 01200  
 03018 24 06147 06123  
 03030 46 03162 01100  
 03042 14 06142 00002  
 03054 46 03246 01100  
 03066 47 03138 01300  
 03078 49 03114 00000  
 03090 16 06129 00029  
 03102 49 02574 00000  
 03114 14 06139 00029  
 03126 46 03942 01100  
 03138 12 06127 00001  
 03150 49 03246 00000  
 03162 14 06142 00002  
 03174 47 03246 01200  
 03186 49 03222 00000  
 03198 16 06129 00028  
 03210 49 02574 00000  
 03222 14 06139 00028  
 03234 46 03990 01100  
 03246 14 06142 00001  
 03258 46 03498 01200  
 03270 14 06142 00003  
 03282 47 03462 01100  
 03294 14 06142 00005  
 03306 47 03510 01300  
 03318 46 03486 01200  
 03330 14 06142 00007  
 03342 47 03450 01300  
 03354 46 03510 01200  
 03366 14 06142 00009  
 03378 47 03474 01300  
 03390 46 03433 01200  
 03402 14 06142 00011  
 03414 46 03462 01200  
 03426 47 03498 01300  
 03438 11 06127 00001  
 03450 11 06127 00001  
 03462 11 06127 00001  
 03474 11 06127 00001  
 03486 11 06127 00001  
 03498 11 06127 00001  
 03510 21 06127 06139  
 03522 23 00099 06127  
 03534 19 00096 00007  
 03546 34 00000 00101

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04110 CM 00,1,10  
 04120 BL 01  
 04130 BE D2  
 04140 CM 09,3,10  
 04150 BL D3  
 04160 BE D4  
 04170 CM 09,5,10  
 04180 BL D5  
 04190 BE D6  
 04200 WATY THURS  
 04210 B WATC  
 04220D1 WATY FRI  
 04230 B WATC  
 04240D2 WATY SAT  
 04250 B WATC  
 04260D3 WATY SUN  
 04270 B WATC  
 05010D4 WATY MON  
 05020 B WATC  
 05030D5 WATY TUE  
 05040 B WATC  
 05050D6 WATY WED  
 05060 B WATC  
 05070MONTY RCTY  
 05071 WATY MON1  
 05080 B FIN1  
 05090DAY RCTY  
 05091 WATY DAY1  
 05100 B FIN1  
 05110DAYA RCTY  
 05111 WATY DAYA1  
 05120 B FIN1  
 05130FEBLY RCTY  
 05131 WATY FEB1  
 05140 TDM FEB1+65,9  
 05141 B FIN1  
 05150FEBNLY TDM FEB1+65,3  
 05160 B FEBLY  
 05161WATC NOP AGETP  
 05162 TDM WATC+1,9  
 05163 TDM WKE+1,1  
 05164 TDM THIR+1,1  
 05165 TF MOO,MO  
 05166 TF YEE,YE  
 05167 TF DAA,DA  
 05168 CM MO,1,10  
 05169 BE WKE+12  
 05170 SM MO,1,10  
 05171 B MO3H  
 05172FIN1 BC1 AGETP+12  
 05180 RCTY  
 05190 WATY GRO  
 05191 B AGETP+12  
 05192AGETP BC3 TPAGE  
 05200 BC2 START  
 05201 RCTY  
 05210 WATY GRO2  
 05220 B START  
 05221TPAGE TF TRANS,DA

03550 14 00000 00001  
 03570 47 03600 01300  
 03582 46 03714 01200  
 03594 14 00000 00003  
 03606 47 03738 01300  
 03618 46 03762 01200  
 03630 14 00000 00005  
 03642 47 03786 01300  
 03654 46 03710 01200  
 03666 39 05527 00100  
 03678 49 04014 00000  
 03690 39 05605 00100  
 03702 49 04014 00000  
 03714 39 05610 00100  
 03726 49 04014 00000  
 03738 39 05627 00100  
 03750 49 04014 00000  
 03762 39 05527 00100  
 03774 49 04014 00000  
 03786 39 05551 00100  
 03798 49 04014 00000  
 03810 39 05567 00100  
 03822 49 04014 00000  
 03834 34 00000 00102  
 03846 39 04903 00100  
 03858 49 04146 00000  
 03870 34 00000 00102  
 03882 39 04939 00100  
 03894 49 04146 00000  
 03906 34 00000 00102  
 03918 39 05053 00100  
 03930 49 04146 00000  
 03942 34 00000 00102  
 03954 39 05651 00000  
 03966 15 05716 00009  
 03978 49 04146 00000  
 03990 15 05716 00008  
 04002 49 03942 00000  
 04014 41 04194 00000  
 04026 15 04015 00009  
 04038 15 02659 00001  
 04050 15 02551 00001  
 04062 26 06121 06142  
 04074 26 06137 06147  
 04086 26 06132 06137  
 04098 14 06142 00001  
 04110 46 02670 01200  
 04122 12 06142 00001  
 04134 49 02430 00000  
 04146 46 04206 00100  
 04158 34 00000 00102  
 04170 39 05421 00100  
 04182 49 04206 00000  
 04194 46 04254 00300  
 04206 46 02274 00200  
 04218 34 00000 00102  
 04230 39 05502 00100  
 04242 49 02274 00000  
 04254 26 06127 06122

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C5222	C	DA, DAA	04266	24	06133	06133
C5223	BH	HDA	04275	46	04636	01100
C5224SMD	S	TRANS, DA	04280	22	06127	06139
C5225	TD	AGE+56, TRANS	04302	25	05927	06127
C5226	BD	*+24, TRANS-1	04314	43	04333	06126
C5227	TDM	AGE+53, ,	04326	15	05924	00000
C5228	TD	AGE+54, TRANS-1	04333	25	05925	06126
C5229	TF	TRANS, MOO	04350	26	06127	06131
C5230	C	NO, HOO	04362	24	06142	06131
C5231	3H	HMO	04374	46	04722	01100
C5232SMM	S	TRANS, HO	04386	22	06127	06142
C5233	TD	AGE+39, TRANS	04393	25	05909	06127
C5234	BD	*+24, TRANS-1	04410	43	04434	06126
C5235	TDM	AGE+35, ,	04422	15	05906	00000
C5236	TD	AGE+36, TRANS-1	04434	25	05907	06126
C5237	C	YE, YEE	04446	24	06147	06137
C5238	BH	NBYET	04458	46	04759	01100
C5239	TF	TRANS, YEE	04470	26	06127	06137
C5240	S	TRANS, YE	04482	22	06127	06147
C5241	TD	AGE+22, TRANS	04494	25	05393	06127
C5242	BD	*+24, TRANS-2	04506	43	04530	06124
C5243	TDM	AGE+15, ,	04518	15	05336	00000
C5244	TD	AGE+16, TRANS-2	04530	25	05337	06124
C5245	BD	*+24, TRANS-2	04542	43	04566	06125
C5246	TDM	AGE+17, ,	04554	15	05333	00000
C5247	TD	AGE+13, TRANS-2	04566	25	05339	06125
C5248	BD	*+24, TRANS-1	04578	43	04602	06126
C5249	TDM	AGE+19, ,	04590	15	05390	00000
C5250	TD	AGE+20, TRANS-1	04602	25	05391	06126
C5251	RCTY		04614	34	00000	00102
C5252	WATY	AGE	04626	39	05371	00100
C5253	TFM	AGE+19, 70707,	04638	16	05390	70707
C5254	TFM	AGE+36, 70, 10	04650	16	05907	00070
C5255	TFM	AGE+54, 70, 10	04662	16	05925	00070
C5256	B	AGETP+12	04674	49	04206	00000
C5257HDA	A	TRANS, DSMO	04636	21	06127	06129
C5258	AM	MO, 1, 10	04693	11	06142	00001
C5259	B	SMD	04710	49	04290	00000
C5260HMO	AM	TRANS, 12, 10	04722	11	06127	00012
C5261	AM	YE, 1, 10	04734	11	06147	00001
C5262	B	SMM	04746	49	04336	00000
C5263NBYET	RCTY		04758	34	00000	00102
C5264	WATY	NBYT	04770	39	05331	00100
C5265	B	AGETP+12	04732	49	04206	00000
C5266ZERM	RCTY		04794	34	00000	00102
C5267	WATY	ZEM	04806	39	06037	00100
C5268	B	FIN1	04818	49	04146	00000
C5269ZERD	RCTY		04830	34	00000	00102
C5270	WATY	ZED	04842	39	05961	00100
C5271	B	FIN1	04854	49	04146	00000
C5280OVER	RCTY		04866	34	00000	00102
C5290	WATY	OV	04878	39	05731	00100
C5291	B	AGETP+12	04890	49	04206	00000

C6010MON1 DAC 43, THERE ARE ONLY 12 MONTHS IN ANY YEAR MATE.@  
 04903 00043X2 THERE ARE ONLY 12 MONTHS IN ANY YEAR MATE.±  
 C6020DAY1 DAC 32, NO MONTH HAS MORE THAN 31 DAYS.@  
 04939 00032X2 NO MONTH HAS MORE THAN 31 DAYS.±  
 C6030DAY1 DAC 42, THIS MONTH CANNOT HAVE MORE THAN 30 DAYS.@

05152 00042X2 THIS MONTH CANNOT HAVE MORE THAN 30 DAYS.  
 C6040STAR DAC 41, I AM READY TO CALCULATE THE DAY OF THE WEEK FOR  
 05137 00043X2 I AM READY TO CALCULATE THE DAY OF THE WEEK FOR±  
 C6060STAR1 DAC 46, ANY DAY OF ANY MONTH OF ANY YEAR ANNO DOMINI.  
 05233 00046X2 ANY DAY OF ANY MONTH OF ANY YEAR ANNO DOMINI.±  
 C6070STAR2 DAC 43, NOW ENTER TODAYS DATE IN FULL. EG. C1 C1 1 1 1 2.±  
 05325 00043X2 NOW ENTER TODAYS DATE IN FULL. EG. C1 C1 1 1 1 2.±  
 C6080GRO DAC 41, PLEASE TAKE MORE CARE WITH YOUR FIGURES.±  
 05421 00041X2 PLEASE TAKE MORE CARE WITH YOUR FIGURES.±  
 C6090GRO2 DAC 17, TRY ANOTHER ONE.@ (5503 00017X2 TRY ANOTHER ONE.±  
 C6100MON DAC 7, MONDAY@ (5537 00007X2 MONDAY±  
 C6110TUE DAC 8, TUESDAY@ (5551 00008X2 TUESDAY±  
 C6120WED DAC 10, WEDNESDAY@ (5567 00010X2 WEDNESDAY±  
 C6130THURS DAC 9, THURSDAY@ (5577 00009X2 THURSDAY±  
 C6140FRI DAC 7, FRIDAY@ (5605 00007X2 FRIDAY±  
 C6150SAT DAC 9, SATURDAY@ (5613 00009X2 SATURDAY±  
 C6160SUN DAC 7, SUNDAY@ (5637 00007X2 SUNDAY±  
 C6130FEB1 DAC 40, IN THIS YEAR FEBRUARY HAS ONLY 29 DAYS.±  
 05651 00040X2 IN THIS YEAR FEBRUARY HAS ONLY 29 DAYS.±  
 C6200OV DAC 50, IM SORRY, THIS DATE IS TOO LARGE FOR ME TO HANDLE@  
 C5731 00050X2 IM SORRY, THIS DATE IS TOO LARGE FOR ME TO HANDLE±  
 NBYT DAC 20, YOU'RE NOT BORN YET.@ (5931 00020X2 YOU'RE NOT BORN YET  
 .±  
 AGE DAC 45, YOU ARE 0000YEARS 00MONTHS 00DAYS OLD TODAY.@  
 05971 00045X2 YOU ARE 0000YEARS 00MONTHS 00DAYS OLD TODAY.±  
 ZED DAC 33, STUPID.. THERE IS NO 0TH OF THE MONTH@  
 05961 00038X2 STUPID.. THERE IS NO 0TH OF THE MONTH±  
 ZEM DAC 33, IM NOT SILLY.. THERE IS NO ZERO MONTH@  
 06037 00038X2 IM NOT SILLY.. THERE IS NO ZERO MONTH±  
 C6210FHYE DS 4, 06115 00004  
 C6220HYE DS 4, 06119 00004  
 C6230FYE DS 4, 06123 00004  
 C6294TRANS DS 4, 06127 00004  
   DSMO DS 2, 06129 00002  
   MOO DS 2, 06131 00002  
   DAA DS 2, 06133 00002  
   YEE DS 4, 06137 00004  
 C6291DA DS 2, 06139 00002  
 C6292MO DS 3, 06142 00003  
 C6293YE DS 5, 06147 00005  
 C6293 DEND BAR 02175

PERPETUAL CALENDAR  
 END OF PROGRAM LISTING



PERPETUAL CALENDAR

SPECIMEN OUTPUT

I AM READY TO CALCULATE THE DAY OF THE WEEK FOR  
ANY DAY OF ANY MONTH OF ANY YEAR ANNO DOMINI.

NOW ENTER TODAYS DATE IN FULL. EG. 01 01 1962.

22 01 1963~~35~~ TUESDAY

TRY ANOTHER ONE.

7 11 1940~~35~~ THURSDAY

YOU ARE 22YEARS 2MONTHS 15DAYS OLD TODAY.

TRY ANOTHER ONE.

29 2 1963~~35~~

IN THIS YEAR FEBRUARY HAS ONLY 28 DAYS.

PLEASE TAKE MORE CARE WITH YOUR FIGURES.

TRY ANOTHER ONE.29 2 1964~~35~~ SATURDAY

TRY ANOTHER ONE.30 2 1964~~35~~

IN THIS YEAR FEBRUARY HAS ONLY 29 DAYS.

PLEASE TAKE MORE CARE WITH YOUR FIGURES.

TRY ANOTHER ONE.

0 1 1963~~35~~

STUPID.. THERE IS NO 0TH OF THE MONTH 10 2 1938~~35~~ THURSDAY

YOU ARE 24YEARS 11MONTHS 12DAYS OLD TODAY.

13 12 1962~~35~~ THURSDAY14 12 1962~~35~~ FRIDAY15 12 1962~~35~~ SATURDAY

12 13 1963~~35~~

THERE ARE ONLY 12 MONTHS IN ANY YEAR MATE.

PLEASE TAKE MORE CARE WITH YOUR FIGURES.

31 4 1963~~35~~

THIS MONTH CANNOT HAVE MORE THAN 30 DAYS.

PLEASE TAKE MORE CARE WITH YOUR FIGURES.

12 12 8000~~35~~

IM SORRY, THIS DATE IS TOO LARGE FOR ME TO HANDLE32 12 1963~~35~~

NO MONTH HAS MORE THAN 31 DAYS.

21 0 1963~~35~~

IM NOT SILLY.. THERE IS NO ZERO MONTH45 12 1962~~35~~

NO MONTH HAS MORE THAN 31 DAYS.

PLEASE TAKE MORE CARE WITH YOUR FIGURES.

TRY ANOTHER ONE.