

```

1 @@@@@@@@@@ 00000000 555555555555 00000000 555555555555 444 11
2 @@@@@@@@@@ 0000000000 555555555555 0000000000 555555555555 4444 111
3 @@ @@ 00 0000 55 00 0000 55 44 44 1111
4 @@ 00 00 00 55 00 00 00 55 44 44 11
5 @@@@ @@ 00 00 00 5555555555 00 00 00 5555555555 444444444444 11
6 @@@@@@@@ @@ 00 00 00 5555555555 00 00 00 5555555555 444444444444 11
7 @@ @@ @@ 00 00 00 55 00 00 00 55 44 11
8 @@ @@ @@ 0000 00 55 0000 00 55 44 11
9 @@ @@ @@ 000 00 55 000 00 55 44 11
10 @@@@@@@@@@ 0000000000 555555555555 0000000000 555555555555 44 1111111111
11 @@@@@@@@@@ 00000000 555555555555 00000000 555555555555 44 1111111111
12
13
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15 JJJJJJJJJ 11 444 2222222222 AAAAAAAAAA
16 JJJJJJJJJ 111 4444 222222222222 AAAAAAAAAAAAA
17 JJ 1111 44 44 22 22 AA AA
18 JJ 11 44 44 22 22 AA AA
19 JJ 11 44 44 22 22 AA AA
20 JJ 11 444444444444 22 AAAAAAAAAAAAA
21 JJ 11 444444444444 22 AAAAAAAAAAAAA
22 JJ 11 44 22 AA AA
23 JJ JJ 11 44 22 AA AA
24 JJ JJ 11 44 22 AA AA
25 JJJJJJJ 1111111111 44 222222222222 AA AA
26 JJJJJ 1111111111 44 222222222222 AA AA
27
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29 ****A START JOB 142 @050541 BASIC INTERACTIVE ROOM 6.11.58 PM 16 JAN 25 PRINTER1 SYS SYSA JOB 142 START A****
30 ****A START JOB 142 @050541 BASIC INTERACTIVE ROOM 6.11.58 PM 16 JAN 25 PRINTER1 SYS SYSA JOB 142 START A****
31 ****A START JOB 142 @050541 BASIC INTERACTIVE ROOM 6.11.58 PM 16 JAN 25 PRINTER1 SYS SYSA JOB 142 START A****
32 ****A START JOB 142 @050541 BASIC INTERACTIVE ROOM 6.11.58 PM 16 JAN 25 PRINTER1 SYS SYSA JOB 142 START A****
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J E S 2 J O B L O G

```
18.11.58 JOB 142 $HASP373 @050541 STARTED - INIT 4 - CLASS S - SYS SYSA
18.11.58 JOB 142 IEF403I @050541 - STARTED - TIME=18.11.58
18.11.58 JOB 142 IEFACRT - STEPNAME PROCSTEP PROGRAM RETCODE
18.11.58 JOB 142 @050541 S1 BASIC1UP RC= 0000
18.11.58 JOB 142 IEF404I @050541 - ENDED - TIME=18.11.58
18.11.58 JOB 142 $HASP395 @050541 ENDED
```

----- JES2 JOB STATISTICS -----

16 JAN 25 JOB EXECUTION DATE

16 CARDS READ

382 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1 //@050541 JOB (BASIC), 'BASIC INTERACTIVE', NOTIFY=@05054, JOB 142

// CLASS=S,
// MSGCLASS=A,
// MSGLEVEL=(1,1),
// USER=@05054, PASSWORD= GENERATED BY IKJEFF10

*** BASIC INTERACTIVE

2 //S1 EXEC PGM=BASIC1UP
3 //STEPLIB DD DSN=SYSC.LINKLIB, DISP=SHR
4 // DD DSN=SYSC.PL1LIB, DISP=SHR
5 //SYSPRINT DD SYSOUT=*
6 //RENUMFL DD DUMMY, DCB=BLKSIZE=80
7 //SYSIN DD DSN=@05054.SRCLIB.BASIC(MYMORT1), DISP=SHR
8 //KEYINPT DD *

1412THE

IEF236I ALLOC. FOR @050541 S1

IEF237I 247 ALLOCATED TO STEPLIB

IEF237I 247 ALLOCATED TO

IEF237I 247 ALLOCATED TO SYS00006

IEF237I JES2 ALLOCATED TO SYSPRINT

IEF237I DMY ALLOCATED TO RENUMFL

IEF237I 191 ALLOCATED TO SYSIN

IEF237I 190 ALLOCATED TO SYS00008

IEF237I JES2 ALLOCATED TO KEYINPT

IEF142I @050541 S1 - STEP WAS EXECUTED - COND CODE 0000

IEF285I SYSC.LINKLIB KEPT *-----0

IEF285I VOL SER NOS= SYSCP.

IEF285I SYSC.PL1LIB KEPT *-----0

IEF285I VOL SER NOS= SYSCP.

IEF285I UCSYSCP KEPT *-----0

IEF285I VOL SER NOS= SYSCP.

IEF285I JES2.JOB00142.S00102 SYSOUT

IEF285I @05054.SRCLIB.BASIC KEPT *-----2

IEF285I VOL SER NOS= TS0002.

IEF285I SYS1.UCAT.TSO KEPT *-----0

IEF285I VOL SER NOS= TS0001.

IEF285I JES2.JOB00142.SI0101 SYSIN

IEF373I STEP /S1 / START 25016.1811

IEF374I STEP /S1 / STOP 25016.1811 CPU 0MIN 00.04SEC SRB 0MIN 00.01SEC VIRT 348K SYS 188K

* 1. JOBSTEP OF JOB: @050541 STEPNAME: S1 PROGRAM NAME: BASIC1UP EXECUTED ON 16.01.25 FROM 18.11.58 TO 18.11.58 *

* ELAPSED TIME 00:00:00,09 CPU-IDENTIFIER: SYSA PAGE-IN: 0 *

* CPU TIME 00:00:00,05 VIRTUAL STORAGE USED: 348K PAGE-OUT: 0 *

* CORR. CPU: 00:00:00,05 CPU TIME HAS BEEN CORRECTED BY 1 / 1,0 MULTIPLIER *

* *

* I/O OPERATION *

* NUMBER OF RECORDS READ VIA DD * OR DD DATA: 1 *

* 247.....0 247.....0 247.....0 DMY.....0 DMY.....0 191.....2 190.....0 DMY.....0 *

* *

* CHARGE FOR STEP (W/O SYSOUT): 0,08 *

IEF375I JOB /@050541 / START 25016.1811

IEF376I JOB /@050541 / STOP 25016.1811 CPU 0MIN 00.04SEC SRB 0MIN 00.01SEC

```

1
2
3
4 OFFSET
5
6 000001      1 REM MORTGATE COMPUTER
7 000002      10 DATA 0.05,28500,170,1,1964
8 000003      50 READ I,P,P1,M,Y
9 000009      60 LET R=1+I/12
10 000018     70 PRINT "YEAR", "PRINCIPLE"
11 000023     80 PRINT Y,P
12 000028     90 LET P=P*R-P1
13 000037    100 IF P>0 THEN 120
14 000041    110 LET P=0
15 000044    120 LET M=M+1
16 000050    130 IF M>12 THEN 160
17 000054    140 PRINT "      ",
18 000057    150 GOTO 190
19 000059    160 LET M=1
20 000062    170 LET Y=Y+1
21 000068    180 PRINT Y,
22 000071    190 PRINT INT(P)
23 000077    200 IF P>0 THEN 90
24 000081    210 END

```

```

25
26 **** END OF COMPILATION **** NO ERRORS FOUND
27 ****      82 INSTRUCTIONS GENERATED,      26 SYMBOLS DEFINED      5 DATA ITEMS DEFINED ****
28

```

YEAR	PRINCIPLE
1964	28500
	28448
	28397
	28345
	28293
	28241
	28189
	28136
	28083
	28030
	27977
	27924
1965	27870
	27816
	27762
	27708
	27653
	27599
	27544
	27488
	27433
	27377
	27321
	27265
1966	27209
	27152
	27095
	27038
	26981
	26923



1	26865	1
2	26807	2
3	26749	3
4	26690	4
5	26632	5
6	26573	6
7	26513	7
8	26454	8
9	26394	9
10	26334	10
11	26274	11
12	26213	12
13	26152	13
14	26091	14
15	26030	15
16	25968	16
17	25907	17
18	25845	18
19	25782	19
20	25720	20
21	25657	21
22	25594	22
23	25530	23
24	25467	24
25	25403	25
26	25339	26
27	25274	27
28	25210	28
29	25145	29
30	25079	30
31	25014	31
32	24948	32
33	24882	33
34	24816	34
35	24749	35
36	24682	36
37	24615	37
38	24548	38
39	24480	39
40	24412	40
41	24344	41
42	24275	42
43	24206	43
44	24137	44
45	24068	45
46	23998	46
47	23928	47
48	23858	48
49	23787	49
50	23716	50
51	23645	51
52	23574	52
53	23502	53
54	23430	54
55	23357	55
56	23285	56
57	23212	57
58	23138	58
59	23065	59
60	22991	60

1967

1968

1969

1970

1971

1		22917	1
2		22842	2
3		22767	3
4		22692	4
5		22617	5
6	1972	22541	6
7		22465	7
8		22388	8
9		22312	9
10		22235	10
11		22157	11
12		22080	12
13		22002	13
14		21923	14
15		21845	15
16		21766	16
17		21686	17
18	1973	21607	18
19		21527	19
20		21447	20
21		21366	21
22		21285	22
23		21204	23
24		21122	24
25		21040	25
26		20958	26
27		20875	27
28		20792	28
29		20709	29
30	1974	20625	30
31		20541	31
32		20456	32
33		20372	33
34		20286	34
35		20201	35
36		20115	36
37		20029	37
38		19942	38
39		19855	39
40		19768	40
41		19681	41
42	1975	19593	42
43		19504	43
44		19415	44
45		19326	45
46		19237	46
47		19147	47
48		19057	48
49		18966	49
50		18875	50
51		18784	51
52		18692	52
53		18600	53
54	1976	18508	54
55		18415	55
56		18321	56
57		18228	57
58		18134	58
59		18039	59
60		17944	60



1	17849	1
2	17754	2
3	17658	3
4	17561	4
5	17464	5
6	17367	6
7	17269	7
8	17171	8
9	17073	9
10	16974	10
11	16875	11
12	16775	12
13	16675	13
14	16574	14
15	16473	15
16	16372	16
17	16270	17
18	16168	18
19	16066	19
20	15962	20
21	15859	21
22	15755	22
23	15651	23
24	15546	24
25	15441	25
26	15335	26
27	15229	27
28	15122	28
29	15015	29
30	14908	30
31	14800	31
32	14692	32
33	14583	33
34	14474	34
35	14364	35
36	14254	36
37	14143	37
38	14032	38
39	13921	39
40	13809	40
41	13696	41
42	13583	42
43	13470	43
44	13356	44
45	13242	45
46	13127	46
47	13011	47
48	12896	48
49	12779	49
50	12663	50
51	12545	51
52	12428	52
53	12309	53
54	12191	54
55	12072	55
56	11952	56
57	11832	57
58	11711	58
59	11590	59
60	11468	60

1977

1978

1979

1980

1981



1	11346	1
2	11223	2
3	11100	3
4	10976	4
5	10852	5
6	10727	6
7	10602	7
8	10476	8
9	10350	9
10	10223	10
11	10095	11
12	9967	12
13	9839	13
14	9710	14
15	9580	15
16	9450	16
17	9320	17
18	9188	18
19	9057	19
20	8924	20
21	8792	21
22	8658	22
23	8524	23
24	8390	24
25	8255	25
26	8119	26
27	7983	27
28	7846	28
29	7709	29
30	7571	30
31	7433	31
32	7294	32
33	7154	33
34	7014	34
35	6873	35
36	6732	36
37	6590	37
38	6447	38
39	6304	39
40	6160	40
41	6016	41
42	5871	42
43	5726	43
44	5579	44
45	5433	45
46	5285	46
47	5137	47
48	4989	48
49	4839	49
50	4690	50
51	4539	51
52	4388	52
53	4236	53
54	4084	54
55	3931	55
56	3777	56
57	3623	57
58	3468	58
59	3313	59
60	3157	60

1982

1983

1984

1985

1986

1		3000		1
2		2842		2
3		2684		3
4		2525		4
5		2366		5
6	1987	2206		6
7		2045		7
8		1883		8
9		1721		9
10		1558		10
11		1395		11
12		1231		12
13		1066		13
14		900		14
15		734		15
16		567		16
17		399		17
18	1988	231		18
19		62		19
20		0		20
21				21
22	*** PROGRAM EXECUTION COMPLETE - 11182 INSTRUCTIONS EXECUTED ***			22
23				23
24				24
25				25
26				26
27				27
28				28
29				29
30				30
31				31
32				32
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1 @@@@@@@@@@ 00000000 555555555555 00000000 555555555555 444 11
2 @@@@@@@@@@ 0000000000 555555555555 0000000000 555555555555 4444 111
3 @@ @@ 00 0000 55 00 0000 55 44 44 1111
4 @@ 00 00 00 55 00 00 00 55 44 44 11
5 @@@@ @@ 00 00 00 5555555555 00 00 00 5555555555 444444444444 11
6 @@@@@@@@ @@ 00 00 00 5555555555 00 00 00 5555555555 444444444444 11
7 @@ @@ @@ 00 00 00 55 00 00 00 55 44 11
8 @@ @@ @@ 0000 00 55 0000 00 55 44 11
9 @@ @@ @@ 000 00 55 000 00 55 44 11
10 @@@@@@@@@@@@@@ 0000000000 555555555555 0000000000 555555555555 44 1111111111
11 @@@@@@@@@@@@@@ 00000000 555555555555 00000000 555555555555 44 1111111111
12
13
14
15 JJJJJJJJJ 11 444 2222222222 AAAAAAAAAA
16 JJJJJJJJJ 111 4444 222222222222 AAAAAAAAAAAAA
17 JJ 1111 44 44 22 22 AA AA
18 JJ 11 44 44 22 22 AA AA
19 JJ 11 44 44 22 22 AA AA
20 JJ 11 444444444444 22 AAAAAAAAAAAAA
21 JJ 11 444444444444 22 AAAAAAAAAAAAA
22 JJ 11 44 22 AA AA
23 JJ JJ 11 44 22 AA AA
24 JJ JJ 11 44 22 AA AA
25 JJJJJJJ 1111111111 44 222222222222 AA AA
26 JJJJJ 1111111111 44 222222222222 AA AA
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29 ****A END JOB 142 @050541 BASIC INTERACTIVE ROOM 6.11.58 PM 16 JAN 25 PRINTER1 SYS SYSA JOB 142 END A****
30 ****A END JOB 142 @050541 BASIC INTERACTIVE ROOM 6.11.58 PM 16 JAN 25 PRINTER1 SYS SYSA JOB 142 END A****
31 ****A END JOB 142 @050541 BASIC INTERACTIVE ROOM 6.11.58 PM 16 JAN 25 PRINTER1 SYS SYSA JOB 142 END A****
32 ****A END JOB 142 @050541 BASIC INTERACTIVE ROOM 6.11.58 PM 16 JAN 25 PRINTER1 SYS SYSA JOB 142 END A****
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