CALENDAR

1 WEEK --> 7 DAYS

1 YEAR --> 52 WEEKS + 1 ODD DAY (EXTRA DAY)

LEAP YEAR --> 52 WEEKS + 2 ODD DAYS

ORDINARY YEAR --> 28TH FEB

LEAP YEAR --> 29TH FEB

DAYS

0-SUNDAY 1-MONDAY 2-TUESDAY 3-WEDNESDAY

4-THURSDAY 5-FRIDAY 6-SATURDAY

MONTH

[J F M] [A M J] [J A S] [O N D]

0 3 3 [6 1 4] [6 2 5] 0 3 5

YEAR

1600-1699 -->6 | 1900-1999 --> 0

1700-1799 -->4 | 2000-2099 --> 6

1800-1899 -->2

WHAT WAS THE DAY OF THEY WEEK ON 26TH JAN 1947?

1. LAST TWO DIGIT --> 47
2. DIVIDE BY 4 --> 11
3. TAKE THE DATE --> 26
4. TAKE NO OF M --> 0
5. TAKE NO OF Y --> 0

SUM = 84

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6. DIVIDE BY7 --> 0 --> SUNDAY

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EXAMPLE:-
15TH AUGUST 1947
100=5
200=3
300=1
400=0
800=0
1200=0
1600=0
2000=0
15TH AUGUST
31 28
31 30
31 30
31 15
------
227 DIVIDE BY 7 = REMAINDER WILL BE ODD DAYS SO, 3 ODD DAYS
1947
-----
1600=0
300=1
46------>[[(46 DIVIDED BY 4 )MULTIPLY BY 2]+[46 - (46 DIVIDED BY 4)]]
---------> 57 DIVIDED BY 7 = REMAINDER
                                WILL BE ODD
                                DAYS SO, 1 ODD DAYS
--------->15 TH AUGUST 1947
---------->3 ODD DAYS + 1600 +300+46
---------->   3      +  0   + 1 + 1 = 5 ODD DAYS
SUNDAY 0
MONDAY 1
TUESDAY 2
WEDNESDAY 3
THURSDAY 4
FRIDAY 5
THEN, 5 ODD DAYS WILL BE (FRIDAY).
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