

## # Leap Year

Time taken for Earth to cover one revolution around the sun is

= 365 days 6 hours

= 365 days 5 hours 48 minutes 59.4 seconds

Now,

$11\text{min} * 400 = 4400 \text{ min}$

=  $4400/60$  hours

= 73 hours 20 minutes

= 72 hours + (1 hour 20 minutes)

= 3 days

## # Day Calculation

### • Codes in Normal Year :

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
1	4	4	0	2	5	0	3	6	1	4	6

### • Codes in Leap Year :

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
0	3	4	0	2	5	0	3	6	1	4	6

### • Codes for Century :

100	4
200	2
300	0

0	6
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- **Day-Date Format :**

<date> <month> <year>

date + month code + century code + year + leap year

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- **Codes for Days :**

1	Sunday
2	Monday
3	Tuesday
4	Wednesday
5	Thursday
6	Friday
0	Saturday