CONCEPTS OF CALENDAR CHAPTER

Today I will explain the Calendar chapter. Specifically I will teach you Odd days technique to solve Calendar questions quickly.

In an Ordinary year there are **365 days** (**52 weeks + 1 Odd day**)

In a Leap year there are **366 days** (**52 weeks + 2 Odd day**)

Any year that is divisible by 4 is a leap year. There is an exception; century years (1900, 2000) should be divisible by 400 to become a leap year. 1300 is not divisible by 400 so it's not a leap year.

Odd days = Extra days (Surplus days after weeks)

In an **Ordinary year** there is **1 Odd day** (as $52 \times 7 + 1 = 365$)

In a **Leap year**, there are **2 Odd days** (as $52 \times 7 + 2 = 366$)

On 1 January 00 AC, it was Monday so we take Sunday as base.

So take sum of Odd days and then again divide it by 7. Then we take remainder and match it with codes given. Thus we get the day week on which a specific date lies on.