



Age Calculator - Calculate Age from Date of Birth | WebToolsMate

Calculating someone's age from their date of birth 📅 is a common task. There are a few different ways to go about this in code:

One approach is to extract the year of birth and year of calculation from the dates provided. Then simply subtract year of birth from year of calculation.

For example, if someone's date of birth is 01/01/1990 and we are calculating their age on 01/01/2022:

Extract the year of birth which is 1990

Extract the year of calculation which is 2022

Subtract year of birth (1990) from year of calculation (2022)

The result is 32

So their age would be 32 years old.

While straightforward, this method does not account for partial years or different months/days in the birth and calculation dates.

A more precise method is to calculate the difference in time between the two dates. Most programming languages have a built-in function to get a date's value in milliseconds since the Unix Epoch (January 1 1970).

We could:

Convert the birth date to milliseconds since Epoch 🕒

Convert the calculation date to milliseconds since Epoch

Subtract the birth date in ms from the calculation date in ms

Divide the result by 365 days, 24 hours, 60 minutes, and 60 seconds to get the difference in years.

For fractional years, we could either round the result or output it with decimal places.

This second approach more accurately accounts for differences in years, months and days between the dates provided. It allows calculating partial years too.

Whichever method works best depends on the specific needs. But in general, calculating age from dates is a common pattern that comes up often in coding age related logic and validation

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