Time Point

Now, we will study the first component of the chrono library.

A duration consists of a span of time, defined as some number of ticks of some time unit. A time point consists of a clock and a time duration. This time duration can be positive or negative.

```
template <class Clock, class Duration= typename Clock::duration>
class time_point;
```

The epoch is not defined for the clocks std::chrono::steady_clock,
std::chrono::high_resolution_clock
and std::chrono::system
. But on the
popular platform the epoch of std::chrono::system
is usually defined as
1.1.1970. You can calculate the time since 1.1.1970 in the resolutions
nanoseconds, seconds and minutes.