

Exercise 1:

Create a `LocalDate` of the current day and print it out

Exercise2:

Create a `LocalDate` of the current day and print it out in the following pattern using

`DateTimeFormatter`: *Torsdag 29 mars*.

Exercise3:

Create a `LocalDate` of last Monday. Then print out the entire week in a loop using standard ISO format.

Exercise 4:

Create a `LocalDate` object from a `String` by using the `.parse()` method.

Exercise5

The date time api provides enums for time units such as day and month. Create a `LocalDate` of 1945-05-08 and extract the day of week for that date.

Exercise6

Create a `LocalDate` of current date plus 10 years and minus 10 months. From that date extract the month and print it out.

Exercise7

Using the `LocalDate` from exercise 6 and your birthdate, create a `Period` between your birthdate and the date from exercise 5. Print out the elapsed years, months and days.

Exercise 8

Create a period of 4 years, 7 months and 29 days. Then create a `LocalDate` of current date and add the period you created to the current date.

Exercise 9

Create a `LocalTime` object of the current time.

Exercise 10

Extract the nanoseconds of a `LocalTime` object of current time. Print out the nanoseconds.

Exercise 11

Create a `LocalTime` object from a `String` using the `.parse()` method.

Exercise 12

Using `DateTimeFormatter` format `LocalTime` from current time and print it out as following pattern:
10:32:53

Exercise 13

Create a `LocalDateTime` with the date and time components as: date: 2018-04-05, time: 10.00.

Exercise 14

Using `DateTimeFormatter` format the `LocalDateTime` object from exercise 11 to a `String` that should look like this: *torsdag 5 april 10:00*

Exercise 15

Create a `LocalDateTime` object by combining `LocalDate` object and `LocalTime` object.

Exercise 16

Create a `LocalDateTime` object. Then get the `LocalDate` and `LocalTime` components into separate objects of respective types from the `LocalDateTime` object.

Extra assignment

Create your own calendar for the year 2018.