

EXERCISE

Overview

We can add / subtract day, month, week, year to another Calendar object to find a specific date and convert the Calendar object to Date Object and then to a String with SimpleDateFormat to represent the time as a human readable text.

PLATFORM

Java 8 JDK

Eclipse IDE

Objectives

- Using add method.
- Using set method.
- Finding the day of week as String. (Monday, Tuesday ...)

Activities

We are developing a training calendar for a runner. Runner must go for a measurement session in a hospital once in 10 day. If the 10th day is Sunday, the day must be postponed to Monday. Print next 4 measurement days assuming that today is 05 August 2016.

Create a class **Training** and add

“**public static void printDates(String today, int interval)**” method.

Do the following in this method:

- Convert today to Date instance and then calendar instance.
- Add 10 days.
- If day is not Sunday, print it as mm-dd-yyyy. Else postpone to Monday.
- Repeat this 4 times.

```
String s = new Training().printDates("08/05/2016", 10);
```