

## DateFormatConverter

Write a Java program that reads a (calendar) date in the YYYYMMDD format and outputs the same it in DD.MM.YYYY format. Read the date as an int value and make good use of the division (/) and modulo (%) operators to separate year, month and day values.

Your program shall only accept dates from Oct.16th 1582 to Dec. 31st 2100. If a date outside this range is entered, the program informs the user and quits. (You do not need to validate the date, just check the range)

## Console Example

(text in red is user input)

```
enter date (yyyymmdd)
19991231
31.12.1999
```

```
enter date (yyyymmdd)
220001231
invalid date
```