## Price restrictions

Build a PHP program, that checks if shop prices have any specific time and weekday restrictions.

Imagine an E-Shop system where there are products with prices. On specific times and/or weekdays the shop wants to sell the product a bit cheaper.   
For example users can buy a skydiving experience for 100 € . But every Tuesday at 13:00 – 17:50, they can buy it with 67 € .

For this we have created two php classes „Price“ and „PriceRestriction“. Each price has a list of price restrictions (PHP array).

Price restrictions can be set with specific times (clock times) and/or week days (Monday, Tuesday, …).

* There can be many price restrictions on one price. For example, 1 restriction would be for Tuesday 13:00 – 17:50 and the second price restriction would be that on thursday’s the price is also cheaper
* Price restriction can go overnight (for example start at 21:00 and end 07:59 the next day). If this happens, then weekday restriction is only checked on the start day).
* Test data formats are strict. You can’t change the format of data that is given (imagine data coming from database).
* Restrictions can be set with time and/or weekday. If no time is given (and only weekday), then the whole day is counted (from 00:00 to 23:59).  
  If no weekday is given then every day is counted (Monday to Sunday)

Build a price restriction checking functionality that results if given date matches the restriction or not.

Program starts at *Price:: checkPriceRestriction(DateTime date)* where date is the time that restrictions should be checked with.

You only need to write backend functionality.