

# AT.NET – Real-time test

**Time:** 90 minutes

**Permitted literature:** MSDN (<https://docs.microsoft.com/>) – **no other source** is allowed!

## Reflection(15 points)

Let's have this code:

<https://atnet.janjanousek.cz/code.txt>

Complete the body of the Format method so that the input text is formatted as shown in the code.

Property names may appear in square brackets in the text. Replace these names with the values of the given properties from the passed object.

If the property is of type bool, then replace it with "is" (if it is true), or "is not" (if it is false).

Your code must work with any input text and with any input object.

## Web pages + HTTP communication + XML (15 points)

Create a web application (MVC) that contains two pages. The first page will contain a form with the possibility to select (DropDownList) one of these options: "temperature", "precipitation", "windSpeed". After the user selects one of the options and submits the form, a redirect to the second page occurs. On the second page, data will be downloaded from:

<https://api.met.no/weatherapi/locationforecast/2.0/classic?lat=49.84947&lon=18.21399&altitude=257>

The corresponding property ("temperature", "precipitation", "windSpeed") will be selected from this data and then displayed on the page (table with date and value of the property).