

Internet technologies

Task List 2

1. Using the full capabilities of structure formation in HTML5, prepare a template (document structure) which will include: a header with logo, horizontal main menu, vertical sub-menu, "crumbs" (ie path where we are currently in service), the area most frequently read articles, the area 4 recommended articles, area in the last 4 blog entries authors and footer. The areas put examples of content, we assume that last entry is recommended article consists of a title and 2 lines of introduction. The task is primarily rethinking of the structure and the appropriate use of HTML5 tags. Since we are only interested code HTML, prepare a "paincie" or on a sheet, how you imagine the target position of these areas.
[2p]
2. Using the full power of creating forms in HTML5, create a transfer form with the following fields: account number, name, e-mail, address, zip code, city, transfer amount, date of transfer. Pose natural validation fields in addition we want to field the city were hints 10 major Polish cities.
[2p]
3. Get the basics of language SVG and prepare as closely as possible the following diagram:

[2p]

4. Get the basics MathML. With it, you write the following formula:

$$\mu([-2/u, 2/u]) \geq 1 - \frac{1}{at} \int_{-u}^{at} (1 - \varphi(s)) ds$$

You can use the following template:

```
<math xmlns = 'http://www.w3.org/1998/Math/MathML'>
<!-- Pattern here -->
</math>
```

To view the pattern please use the browser at the following address:

<http://www.mathmlcentral.com/Tools/FromMathML.jsp>.

[2p]

5. Are you preparing party of the company's organizational structure *Cockerel sp. Z oo* company has 3

branches, SEO of viewing the mechanism of *micro data* and content <http://schema.org/> ready
a fragment of HTML / XHTML, which displays the data and adequately describe this structure.
Facilities use the tools at <https://search.google.com/structured-data/testing-tool>.
[2p]

All documents must be checked using the application available at

<http://validator.w3.org/>

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