# Project-task 4 - Transformations using XSLT, part 2 (TXT, PDF, SVG)

**Transformations using XSTL**

For an XML document from project-task 3 (supporting document), create **three** XSLT transformation templates.

- The first transformation will aim to obtain an output document in text format.

- The second transformation will aim to obtain a PDF document for presenting information from the report.

- The third transformation will aim to create a document (chart) in SVG format as another way of

   presenting data.

**Text document**

Create **regular columns of text** using additional spaces - XSLT functions `concat` and `substring`.

**PDF document**

The PDF document is a different form of data presentation from the report. In this document data are presented using tables, various formatting of text.

**SVG document**

Create a transformation from the supporting XML document into the SVG (*Scalable Vector Graphics*) image. It is a different form of data presentation from the report in graphs form. Include transformations of selected elements or image parameters so that simple animations are created. In addition, add interactivity elements, such as clickable links to the section of the document or pop-up text with additional information after indicating the element. An additional option is to handle events in the form of JavaScript code so that the user can influence the appearance or behavior of the presented content (e.g. filtering products by the manufacturer).

Requirements

- At grade 3: animations (transformations over time)

- At grade 4: simple interactivity (links, start / stop, response to a click, etc.)

- At grade 5: event handling (additional functionality in the form of JavaScript)

**Output formats**

- TXT document

- PDF document

- SVG document

Try to get files in the output formats, not just to watch the final effect of the transformation in the browser window.