IMY 210
Theme Assignment 3: XSLT

Using the provided XML file (data.xml) create an **XSLT** file (TA.xsl) that will produce similar result as to the given screenshot (result.png)

Provided files

> **data.xml** – An XML file with data on books and libraries.
> **result.png** – What your final result should look like.

The given XML data file stores information about books and their respective library.
To help you design your XSLT stylesheet, consider the following behaviour of the data:
a) A book in the Merensky library will never be out
b) A book that is found in other libraries will always have a copy in the Merensky library

Task

Create a sub-template that will apply to all <book> which are currently not out (@status).

Ensure when processing the <book> elements, they are sort numerically.

> **Hint:** Once <sort> has been called, <book> element with the same isbn will be pass to the template directly after each other.

Print out the <book> isbn followed by the library where this book can be found.

Finally count the total book available and total books that are currently out.

> **Hint:** You want to select all the books using the select all modifier.

WARNING:
If you uploaded XSLT stylesheet that is not **not well-formed**, you will receive **zero**.
If you uploaded XSLT stylesheet that does not transform the provided XML file, you will receive **zero**.

Submission

- **Compress** your final XML stylesheet (TA.xsl) into an archive named **TA3.zip**.
- Submit your ZIP file to the upload slot provided on clickUP before the deadline.
- Ensure that you have a backup of your final submission.