Logo, company name

Description automatically generated

**Compiler Construction**

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The xml.dom.minidom module is a part of the Python standard library that provides a lightweight implementation of the Document Object Model (DOM) interface for working with XML documents. The DOM is an application programming interface (API) for HTML and XML documents, and it represents the structure of a document as a tree of nodes. The minidom module provides a simple way to parse and manipulate XML documents in Python, and it is particularly useful for working with small to medium-sized XML documents.

The following code extracts the data from the given xml file and creates an excel file to store the extracted data. After the data extraction, we check the data using the if else statement, and place it in the excel file created. The data is extracted from the tags in the xml file through referencing the tags in the code.

The code to the following documentation is provided alongside this file. The code is also uploaded on my [GitHub profile](https://github.com/HuzaifaChughtai/IST.git)