**Python coding task.**

The task consists of 2 parts. Please create a public repository on GitHub, upload your scripts for completion of each part there and send us the link to the repository in your reply.

Part 1

Please write a script that takes an Excel-spreadsheet with the same structure as in the attached file test\_input.xlsx and transforms the data in it into an XML file with the structure as in the attached file output\_xml.xml. For the simplicity of viewing the attached file output\_xml.xml contains only 2 records from the Excel file. Your XML file must contain all records from the source Excel file. Please pay attention to the formats of dates, names and monetary values in the XML. Your file must have them in the same format.

Part 2

Please modify your script from part 1, so it could populate an additional tag SVALUEUSD of each ECERT record in the XML. Your script must open the webpage of Central Bank of Russia (<https://www.cbr.ru/eng/currency_base/daily/>) and take an official exchange rate of US Dollar to Russian Ruble for the day specified in “SB Date” column of the Excel file (or SDATE tag of the XML file), then divide the value of the SVALUE tag by the exchange rate taken from the CBR website, round the result to hundredths and write the result to the SVALUEUSD tag. For the simplicity you can assume that SVALUE tag always contains amount in Russian Rubles.

The result XML file must have the same structure and data formats as the attached file output\_xml\_v2.xml