

Exp No:2	<u>IMPORTING AND EXPORTING XML DOCUMENT IN DATABASE</u>
Date:	

Aim:

To create a xml document and database for importing and exporting xml document into database.

Procedure:

Step-1: Start the process.

Step-2: Create the xml document using notepad and write the following code:

Source Code:

Filename: "Hello.xml"

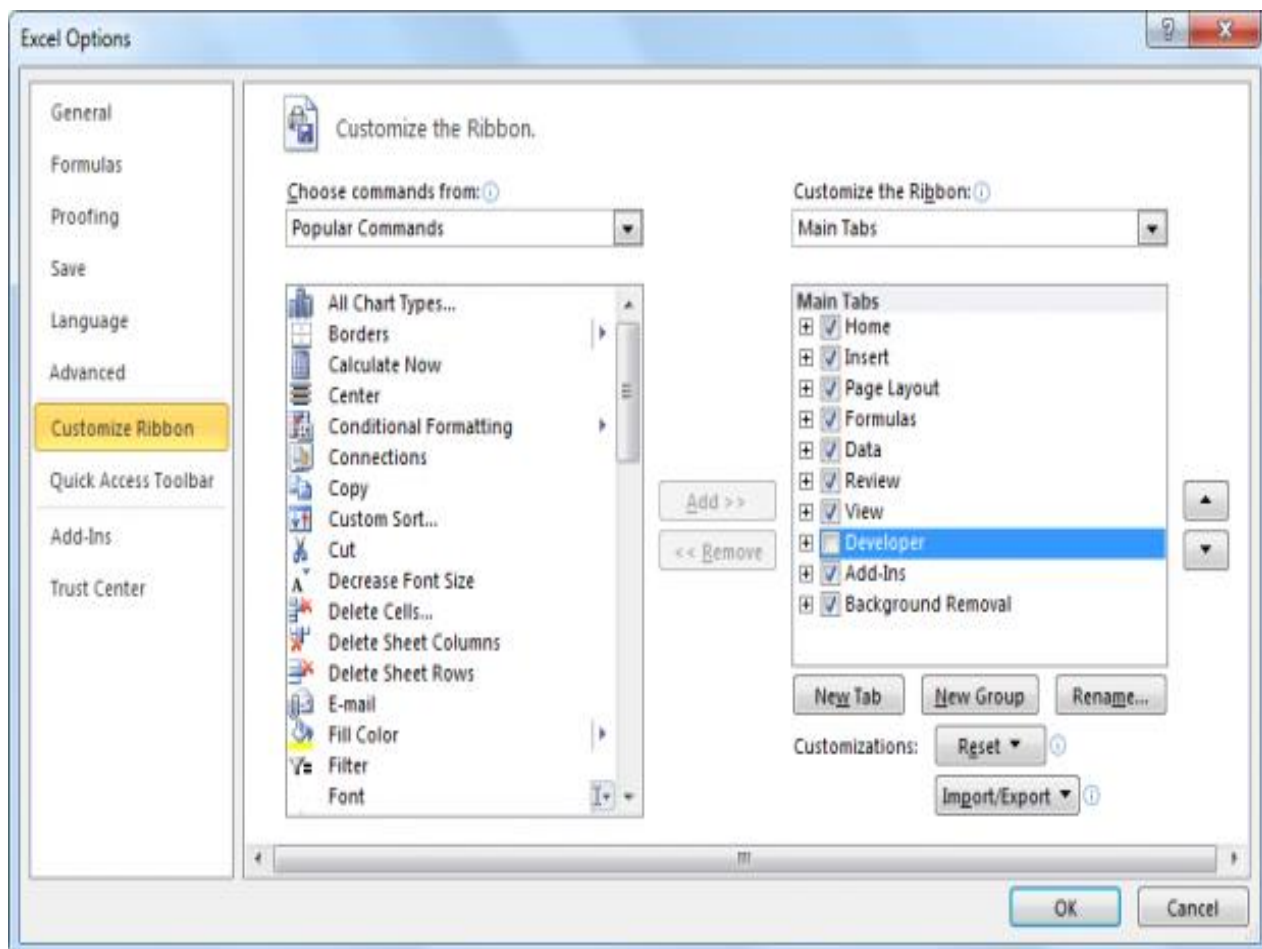
```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<student-data xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
<record>
<Name>John Deo</Name>
<Age>19</Age>
<Major>Chemistry</Major>
<GPA>8.8</GPA>
</record>
<record>
<Name>Ali Asghar</Name>
<Age>23</Age>
<Major>Maths</Major>
<GPA>5.5</GPA>
</record>
</student-data>
```

Step-3: Save the xml document as .xml extension.

Step-4: Click start->All programs->Microsoft office->Microsoft Excel .

Step-5: Enable the Developer Tab:

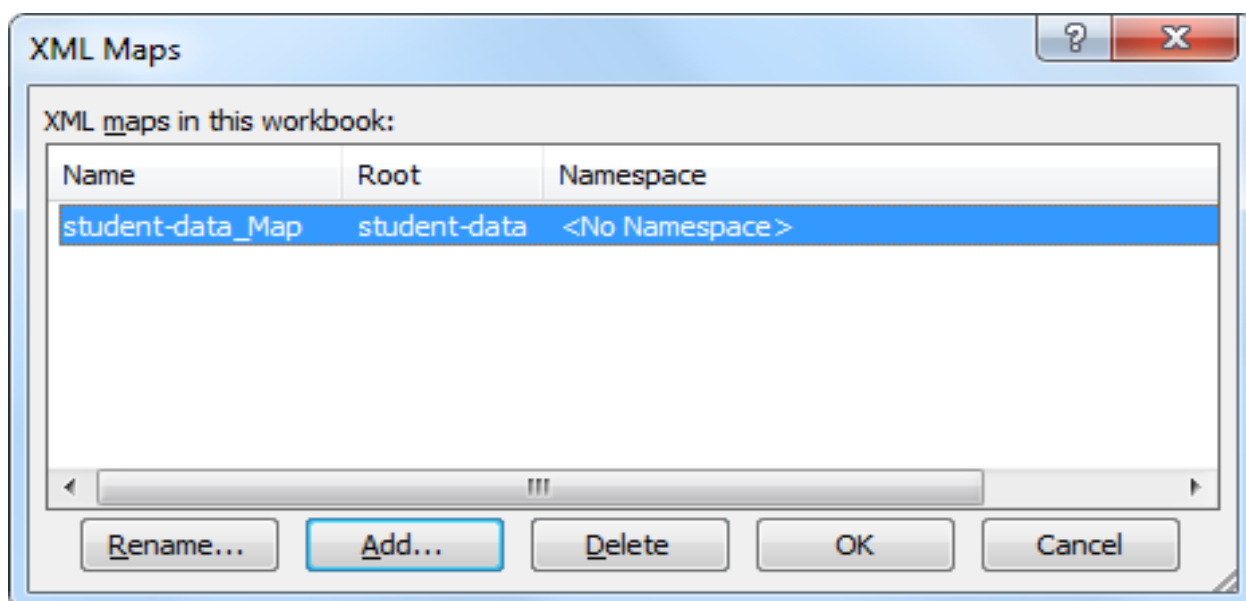
If the Developer tab is not available, you need to enable it in the options. Click on File, and then go all the way down to Options. Click on the Customize Ribbon section, and in the column on the right, there should be a list of tabs called Main Tabs that you can check or uncheck. Find where it says Developer, and make sure the box is checked. Then click OK. The Developer tab should now be up top, to the right of the View tab.



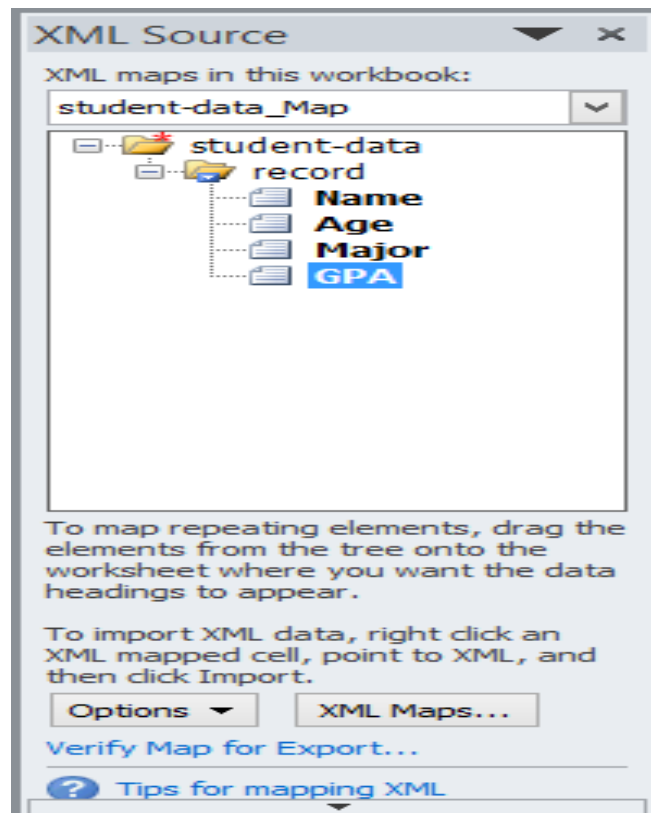
Step-6: To import the xml document click->Developer tab ->Sources.

Step-7: Add an XML Map:

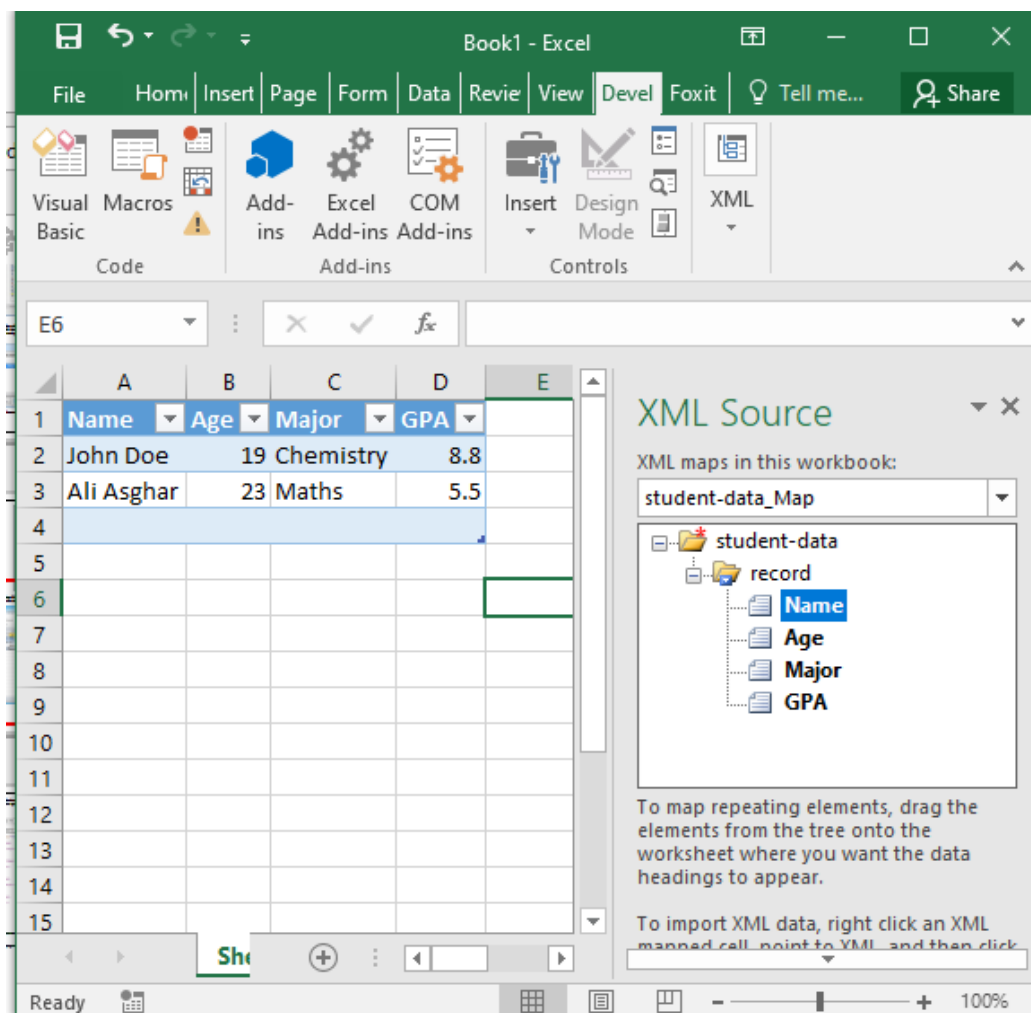
In the XML Source task pane, click the XML Maps option at the very bottom right. A window will pop up.



Click Add to add a browse the location of xml document and click ok.



Step-8: Drag and drop XML elements into the spreadsheet and import the XML file into Excel. Add the new record into the database.



Step-9: Once finished converting each column into an XML element, return to the Developer tab, find the XML section again, and click Export. Save your XML file, and then open it in Notepad to see the results:

← → ↺ 🏠 ⓘ File file:///C:/Users/Home/Desktop/Desktop/Hello.xml

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
▼ <student-data xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  ▼ <record>
    <Name>John Doe</Name>
    <Age>19</Age>
    <Major>Chemistry</Major>
    <GPA>8.8</GPA>
  </record>
  ▼ <record>
    <Name>Ali Asghar</Name>
    <Age>23</Age>
    <Major>Maths</Major>
    <GPA>5.5</GPA>
  </record>
  ▼ <record>
    <Name>Hussain</Name>
    <Age>21</Age>
    <Major>Computer</Major>
    <GPA>8.1</GPA>
  </record>
  ▼ <record>
    <Name>Zeeshan</Name>
    <Age>22</Age>
    <Major>Urdu</Major>
    <GPA>5.7</GPA>
  </record>
</student-data>
```

Step-10: Stop the process.

Result:

Thus, the program to importing and exporting XML into Excel-database has been executed successfully.