

1. Download The Lab work “WindowsFormsApplication13”.
 2. Add the Following to the lab work.
 3. Allow the user to Import a list of shapes from a Text or XML file (*.txt / *.xml).
- a) Your program should accept any text file with the following format:
- The input file is selected from the open file dialog.
 - The Text File contains columns with information about shapes.
 - After The Header, each line represents a shape (TopLeft, LowerRight, ShapeType).

TopLeft	LowerRight	shapetype
(70,112)	(162,199)	rect
(249,211)	(325,286)	rect
(169,293)	(223,343)	rect
(444,241)	(536,370)	ellipse
(584,121)	(733,159)	ellipse
(688,219)	(855,381)	ellipse

- b) Your Program should accept any Xml file with the following format.

```
<?xml version="1.0" encoding="utf-8"?>
<ArrayOfShape xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <shape>
    <ShapeType>rect</ShapeType>
    <Topleft>
      <X>46</X>
      <Y>46</Y>
    </Topleft>
    <Lowerright>
      <X>127</X>
      <Y>115</Y>
    </Lowerright>
    <Width>81</Width>
    <Height>69</Height>
  </shape>
  <shape>
    <ShapeType>rect</ShapeType>
```

- c) Successfully imported Shapes are drawn on the Drawing Panel and added to the display list. So The Display List may contain shapes imported from more than one text and xml file and shapes that are drawn by the user himself/herself.
4. The user will be able to save all shapes as [xml, txt] file selected from a save file dialog.