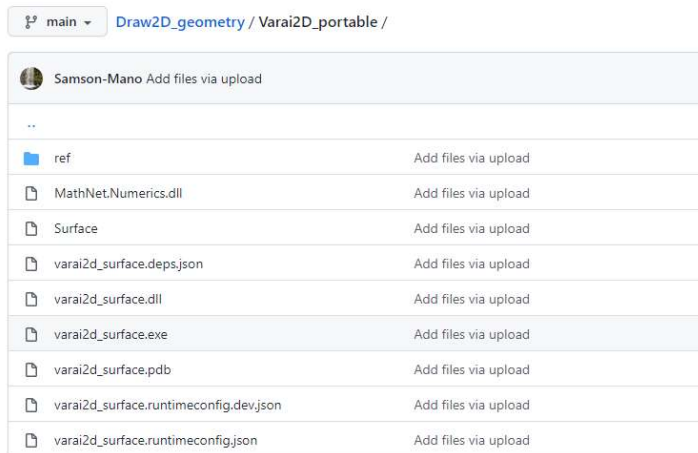


Introduction

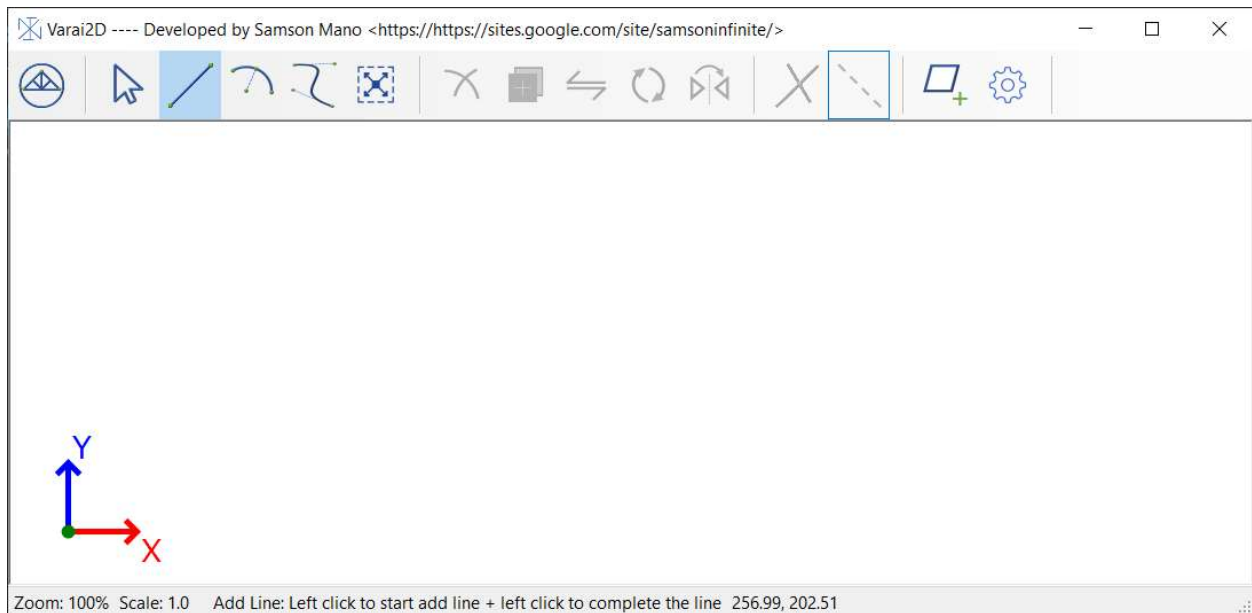
VARAI2D is a 2D drawing software which enables the user to create 2D domains for use in mesh generation, finite element, and boundary element software.

Getting Started

Download the entire content of Varai2D_portable from the git repository

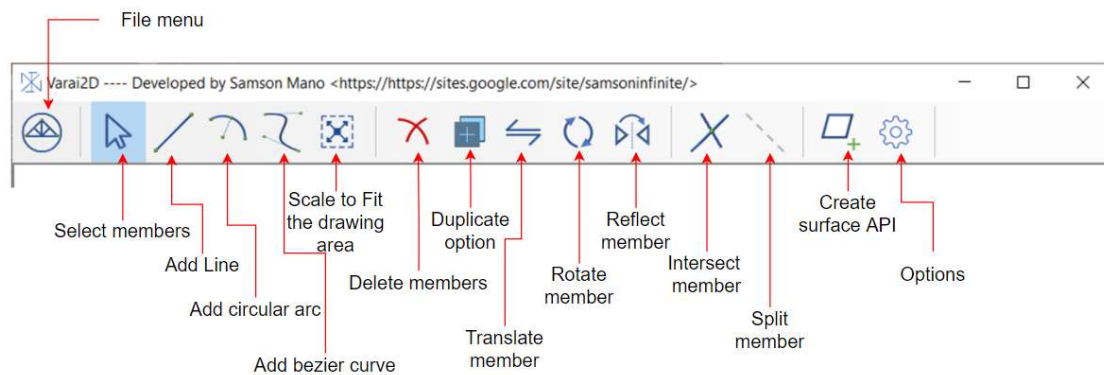


Double click on varai2d_surface.exe to start using the software.



Before using the software

The functions of individual menu items are shown below



Ctrl + Scroll → Zoom in/out

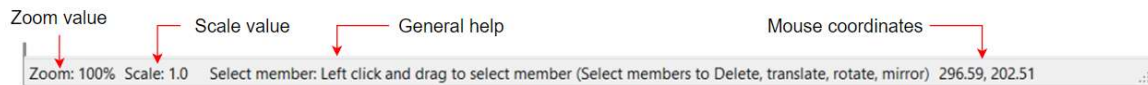
Ctrl + Right drag → Pan operation

Ctrl + F → Scale to Fit the view

Shift + Select → Add or remove selection

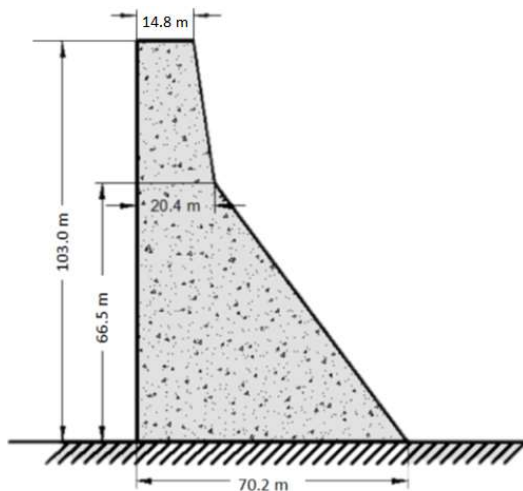
Ctrl + Z → Undo

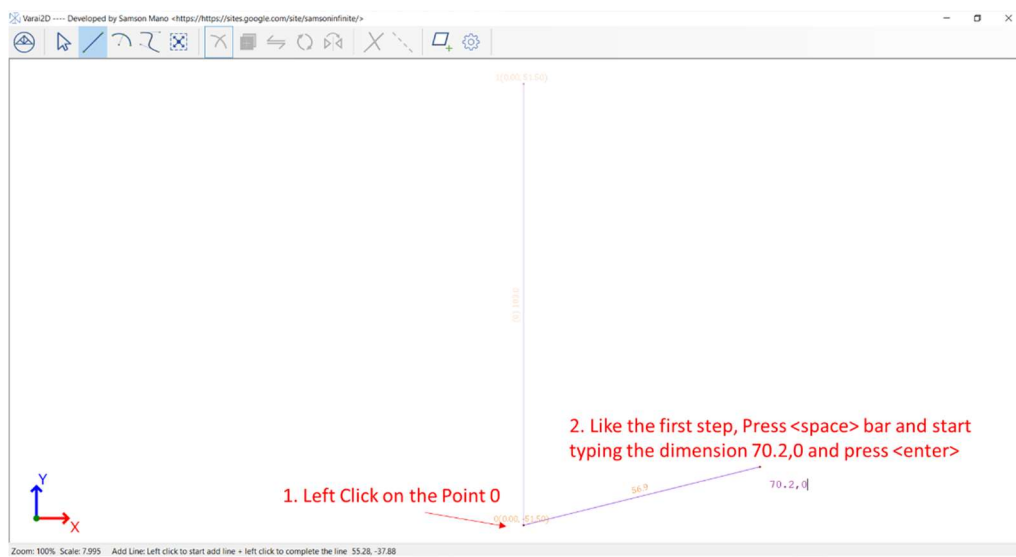
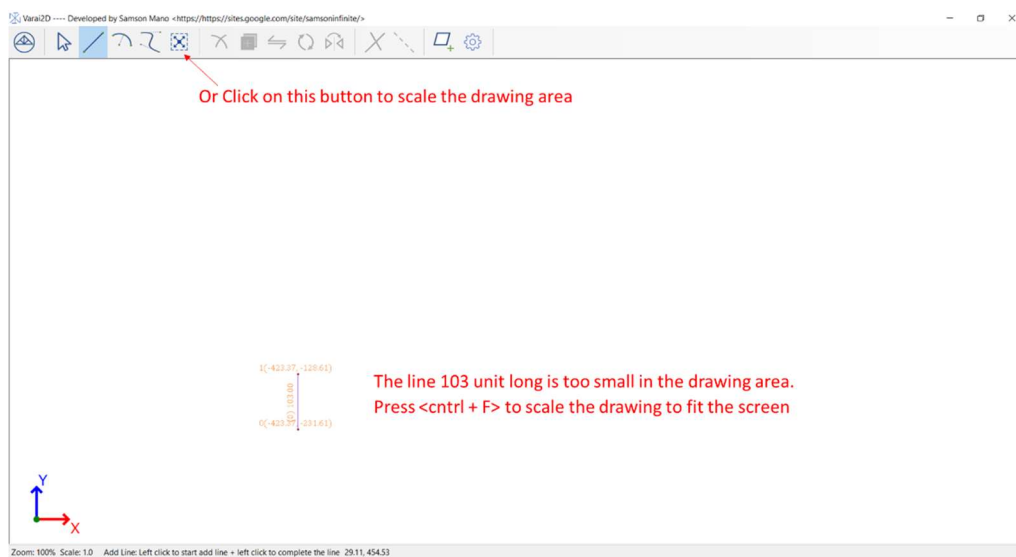
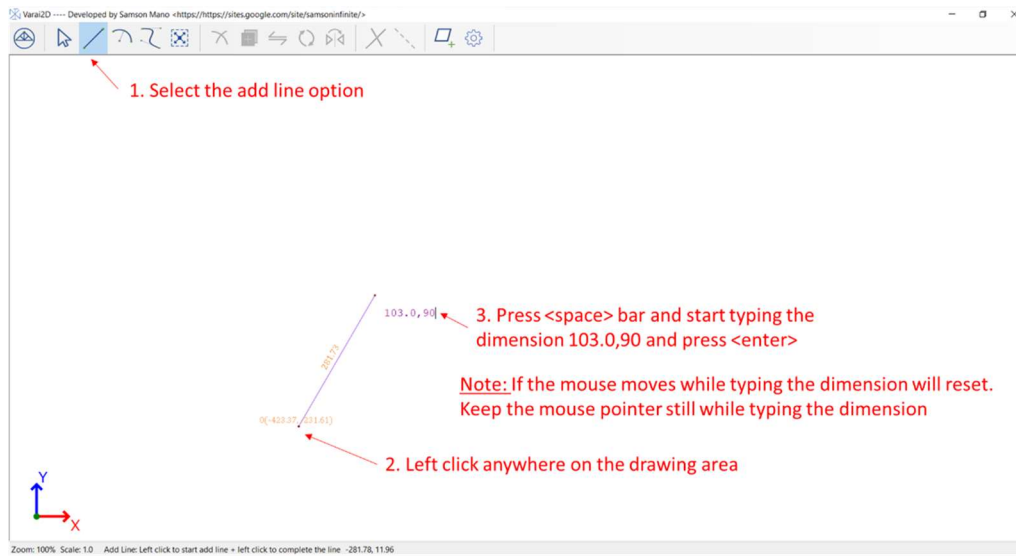
Ctrl + R → Redo

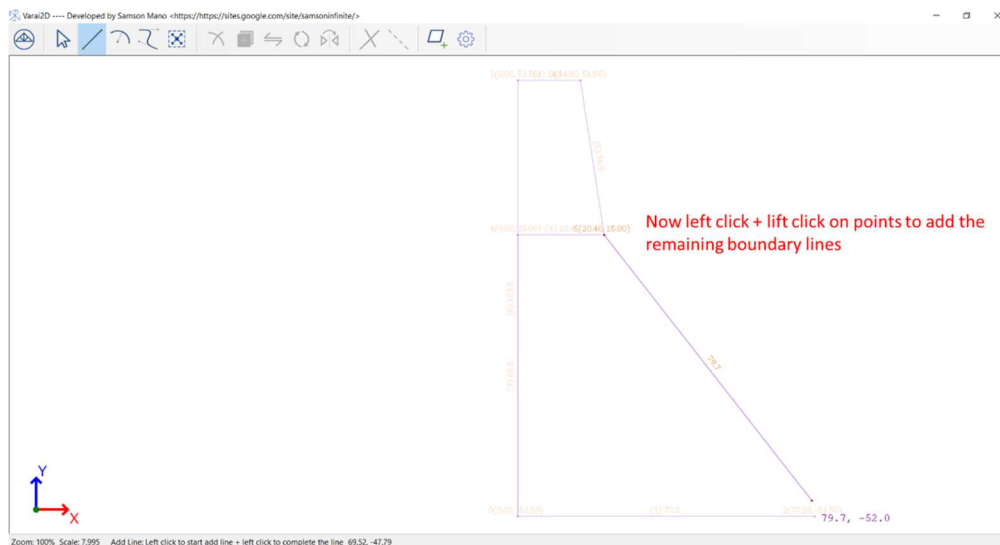
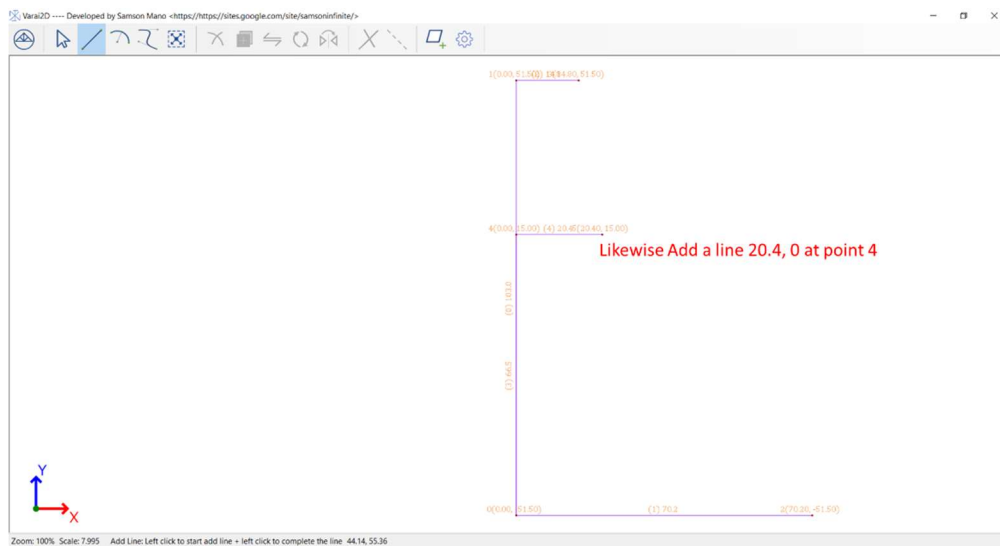
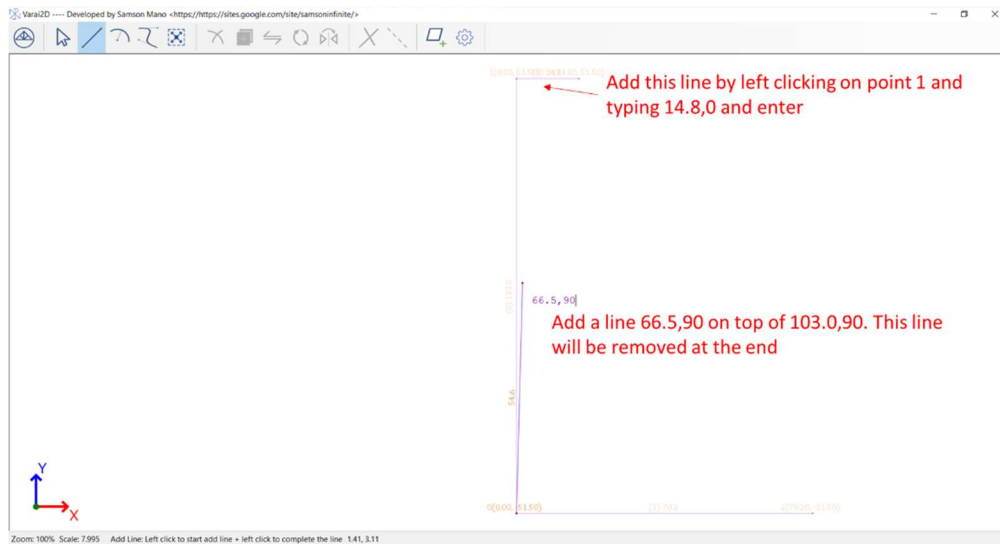


Examples

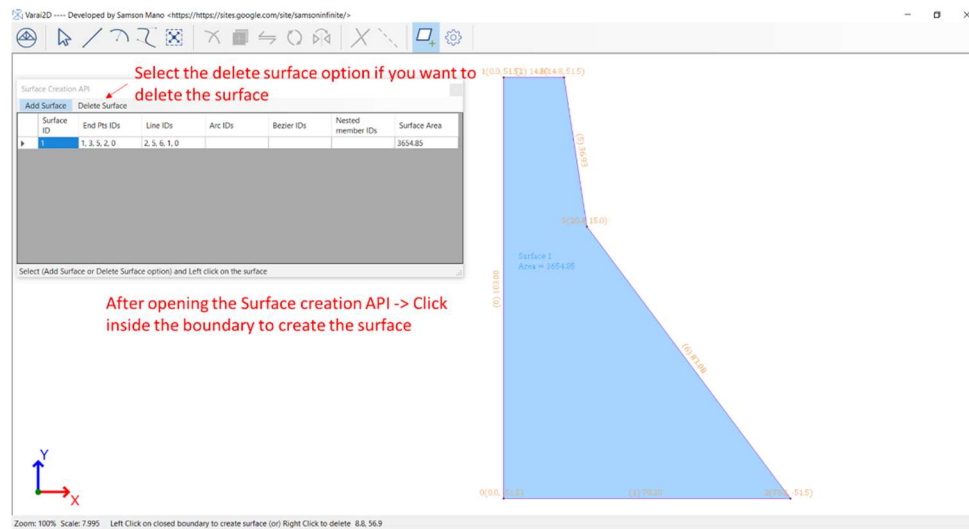
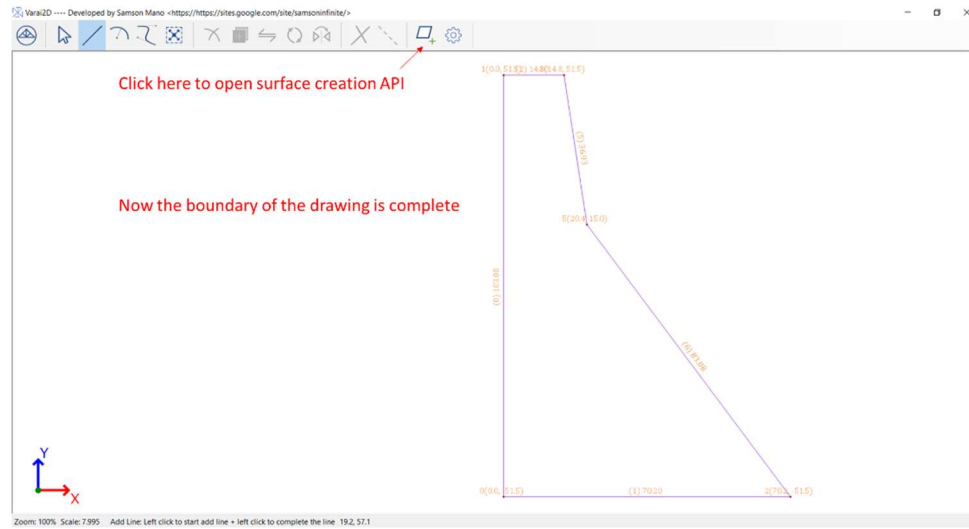
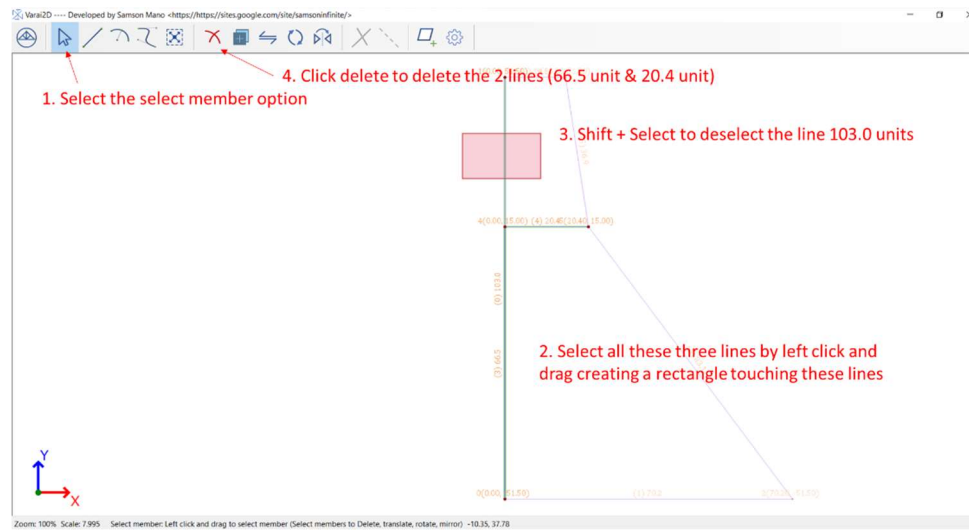
Example 1: Cross-section of Koyna dam



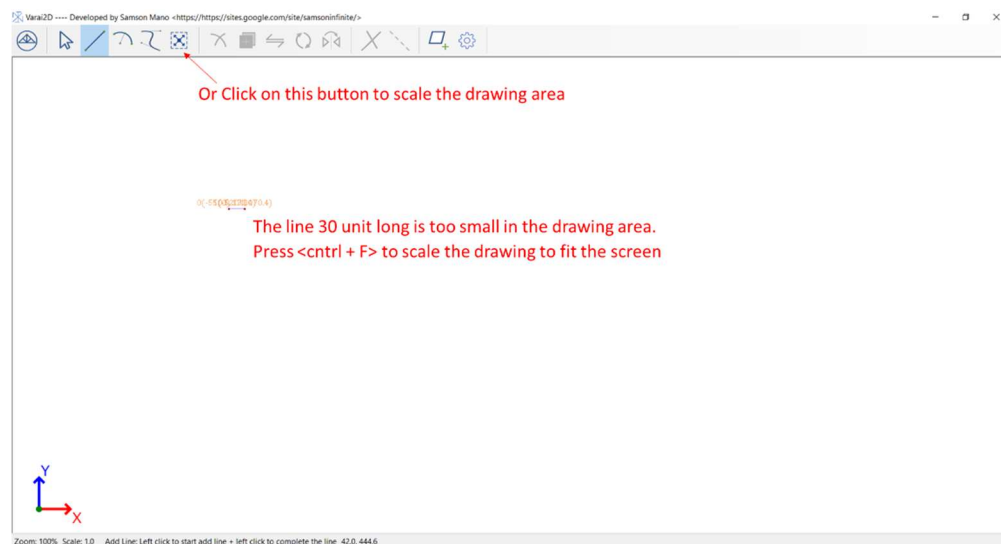
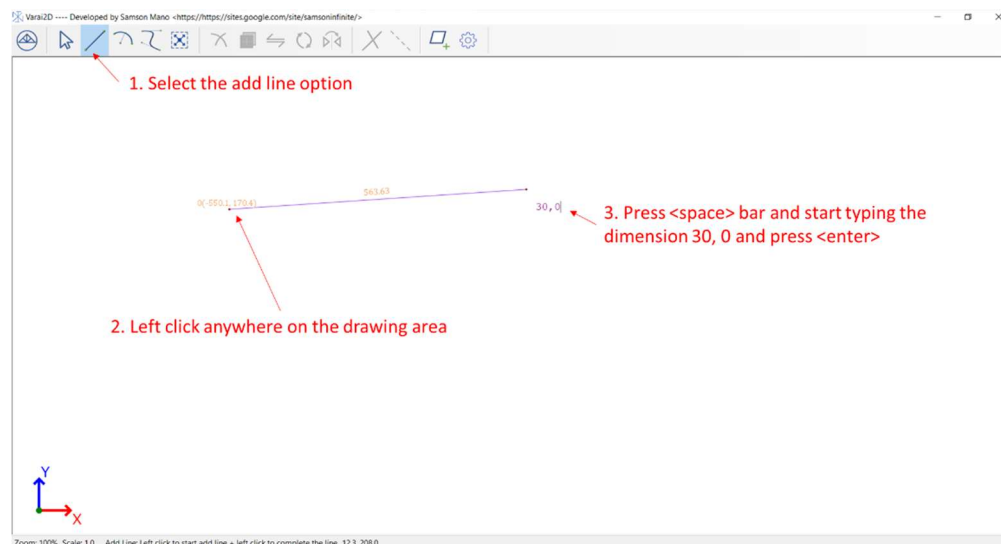
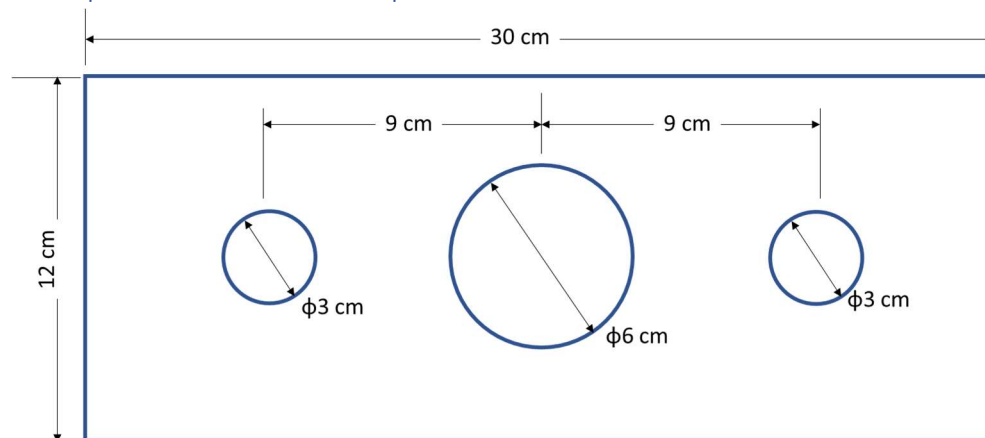


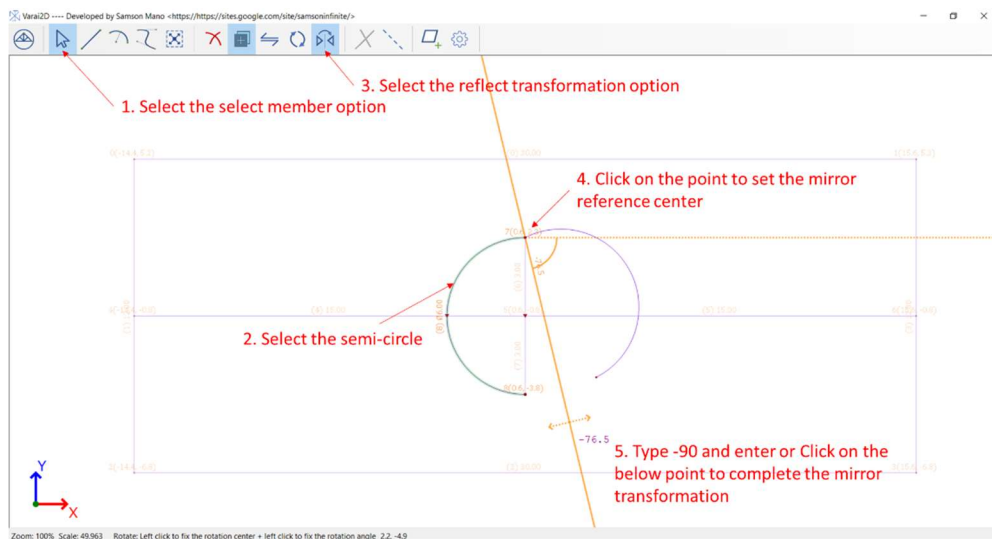
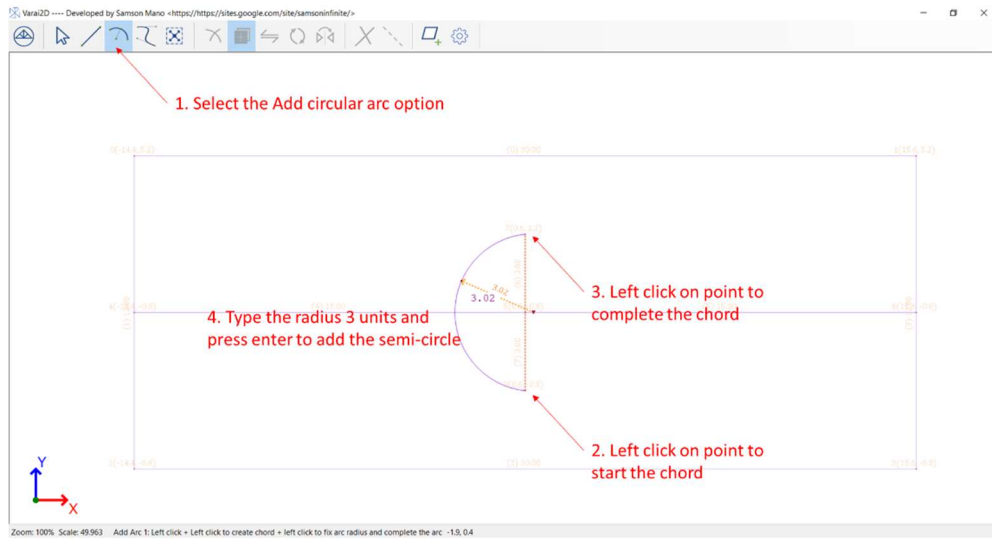
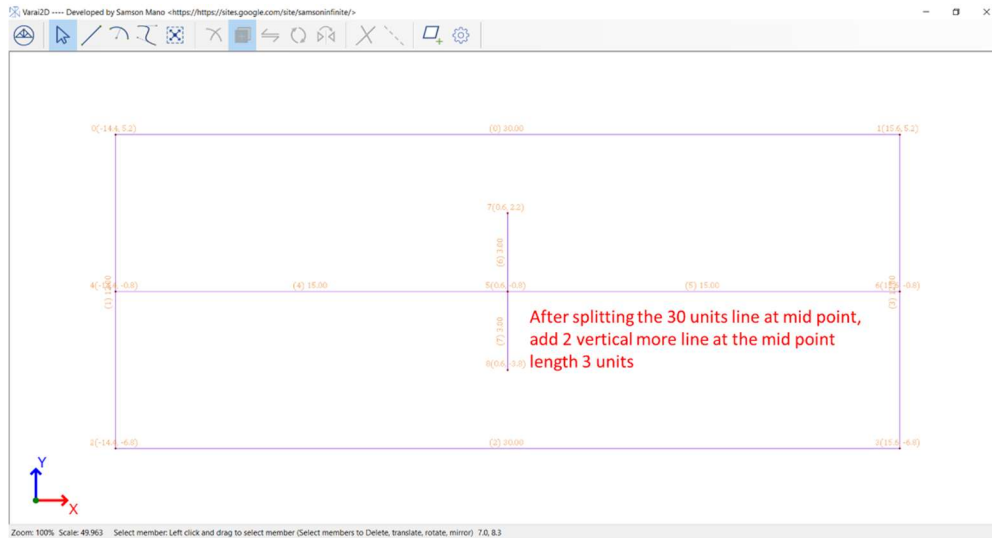


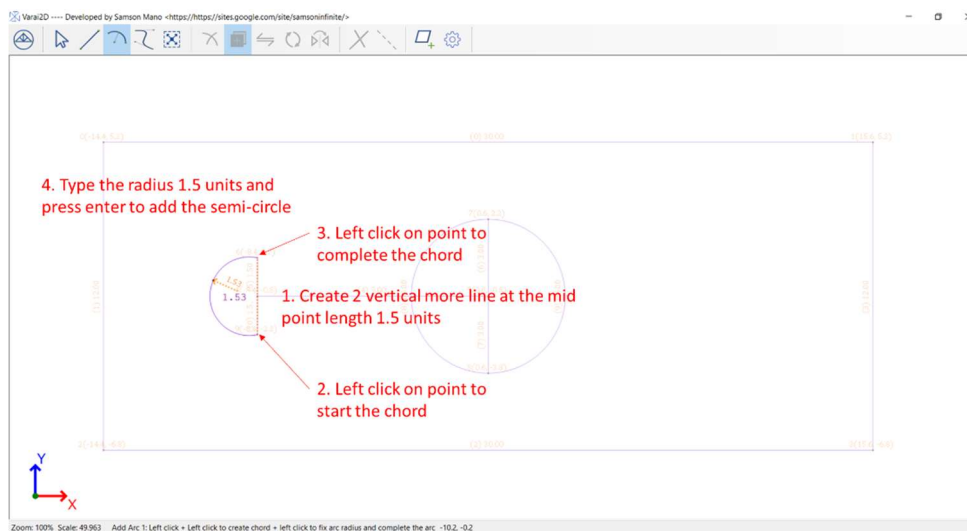
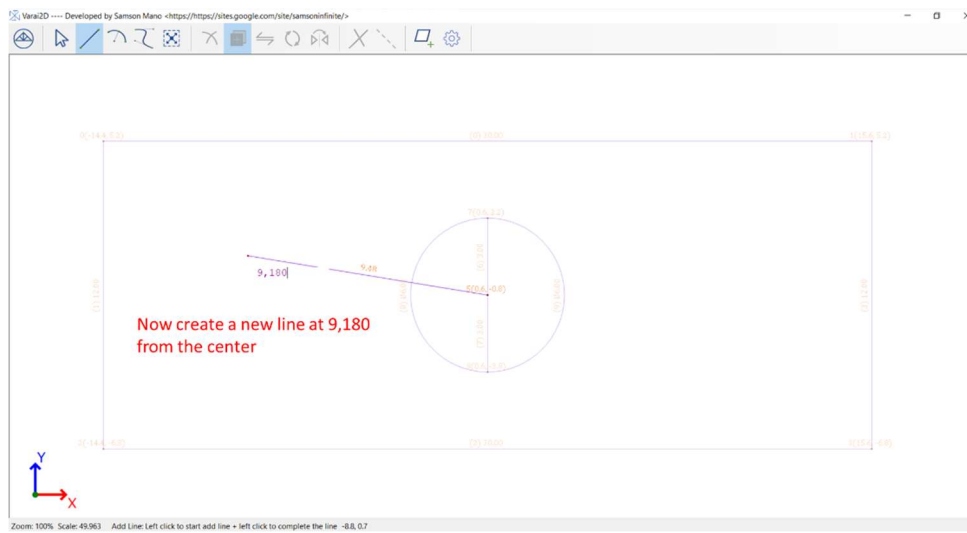
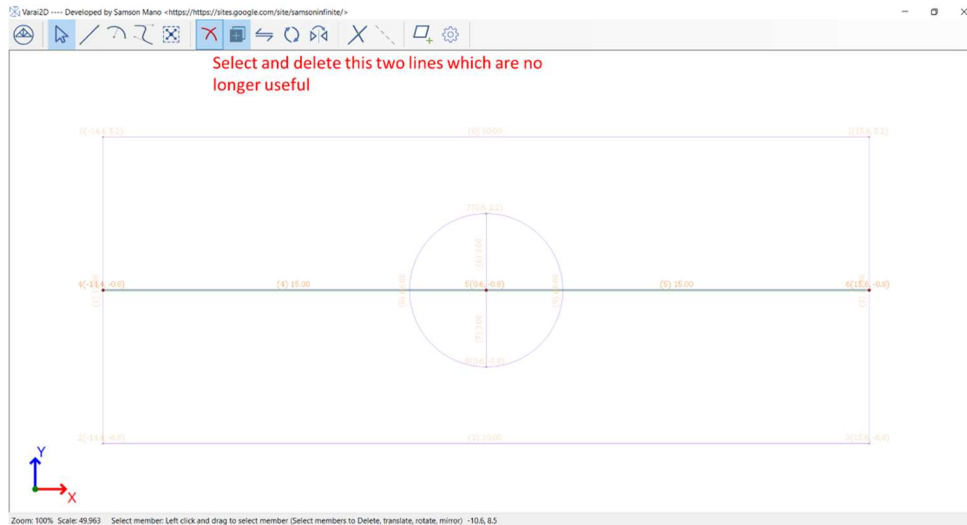
Shift + Select to add or remove from the selection

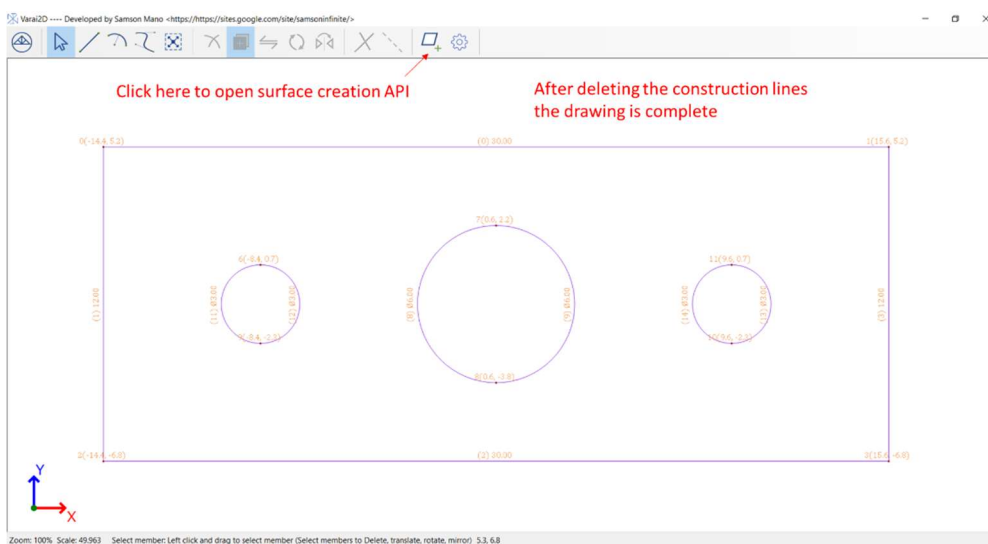
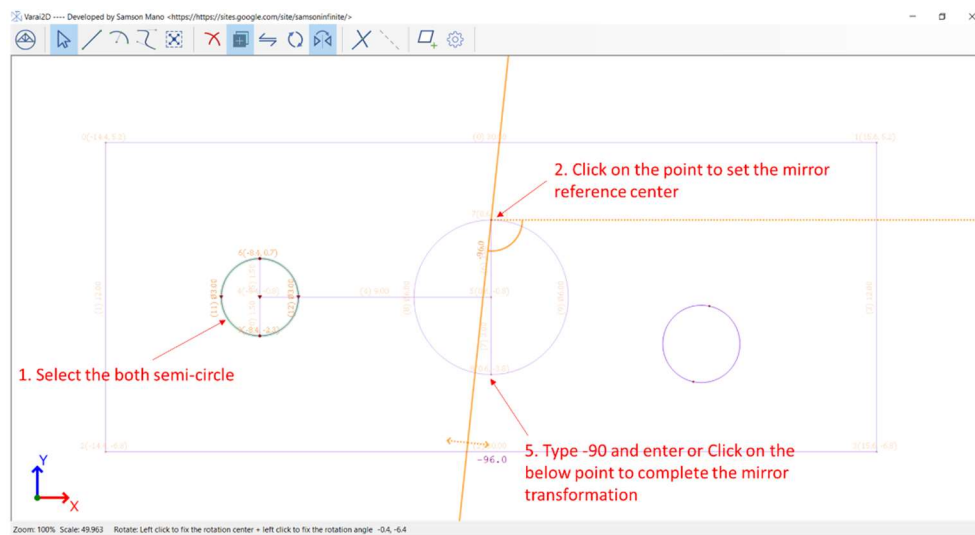
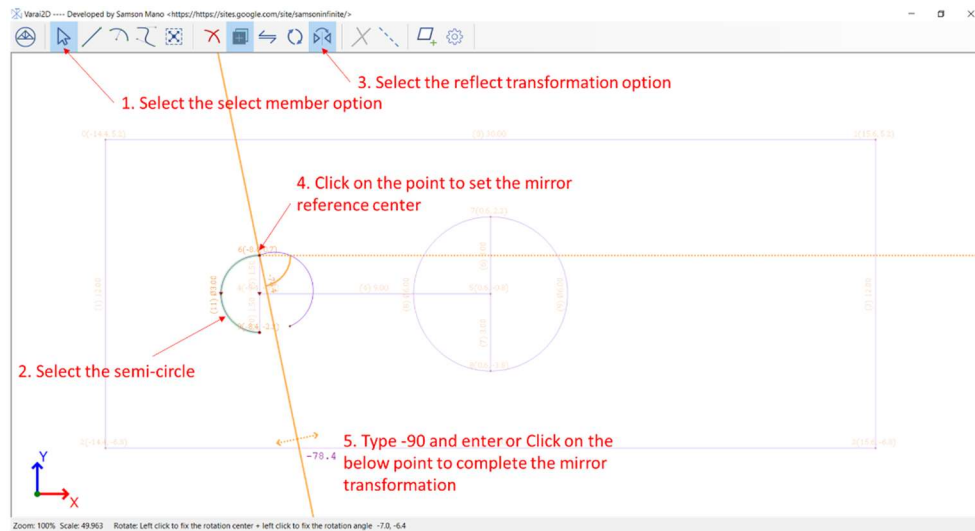


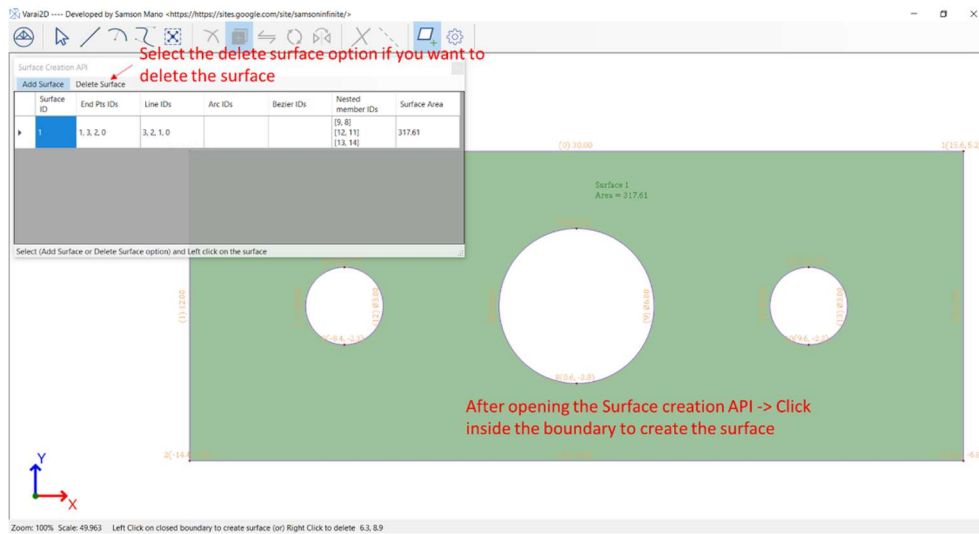
Example 2: Plate with multiple holes



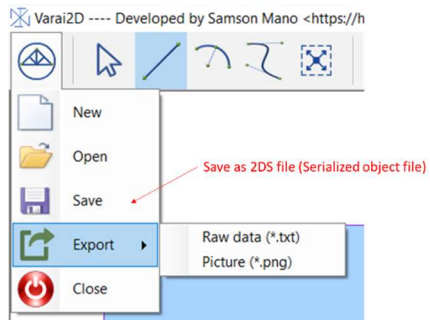




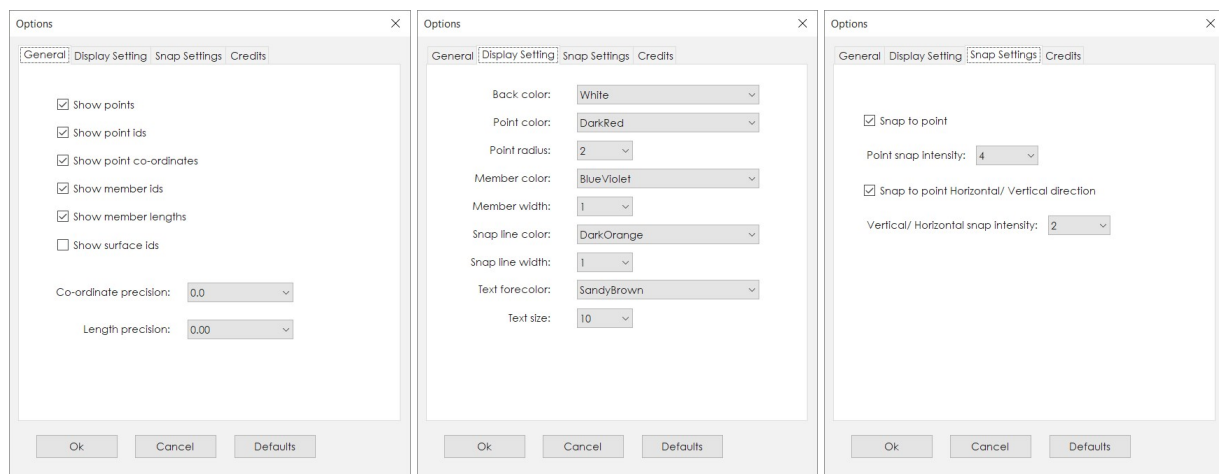




Other Features



Adjust the settings



Conclusion

The entire code of VARAI2D is uploaded to my git repository <https://github.com/Samson-Mano/>.

Special thanks to Thambu Malvino.

TUTORIAL ENDS

