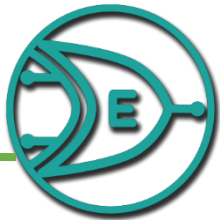
Customer Documentation.



Product name	: Electro-Simulator (Electronic Circuit Simulator).
Version	: 1.0
Web site	: electrosimulator.blogspot.com
Product type	: Open source
License	: Mozilla Public License (MPL)
Authors	:

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Git URL : https://github.com/Electro-simulator/electro.git

Introduction.

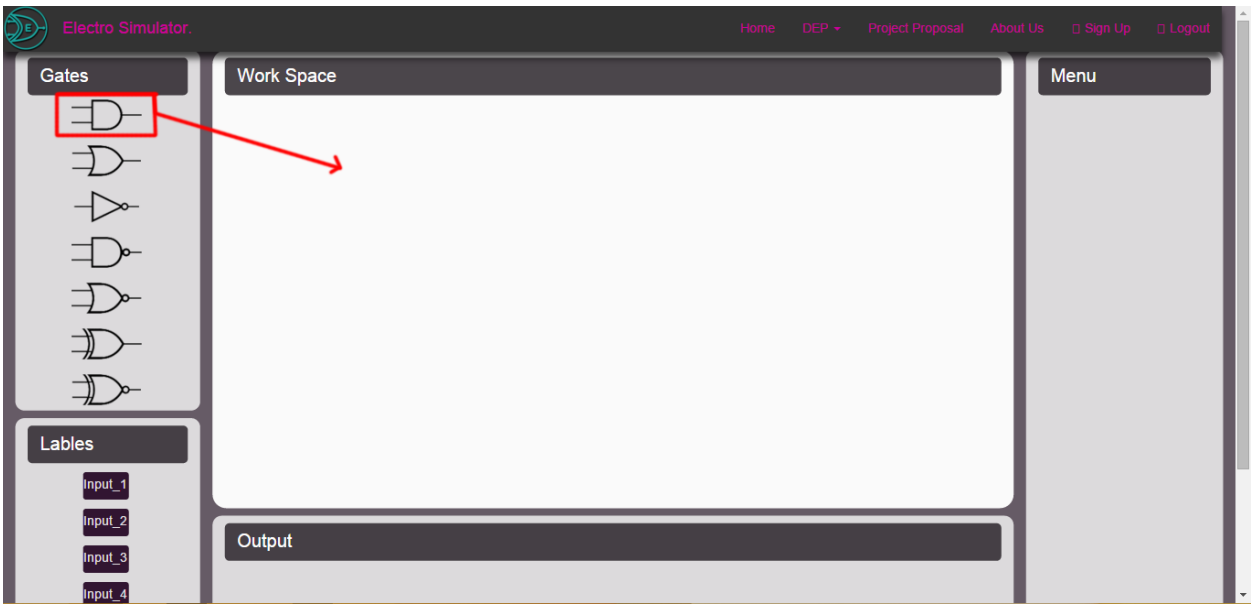
Electro-simulator (Electronic circuit simulator) is an open source web application. This application useful for develop and analysis electronic circuit map easily. We have created this application for Mozilla Science Lab under the MPL license. So In this project, our goal was to develop good and flexible web application which helps to design electronic circuits map.

Our future goals.

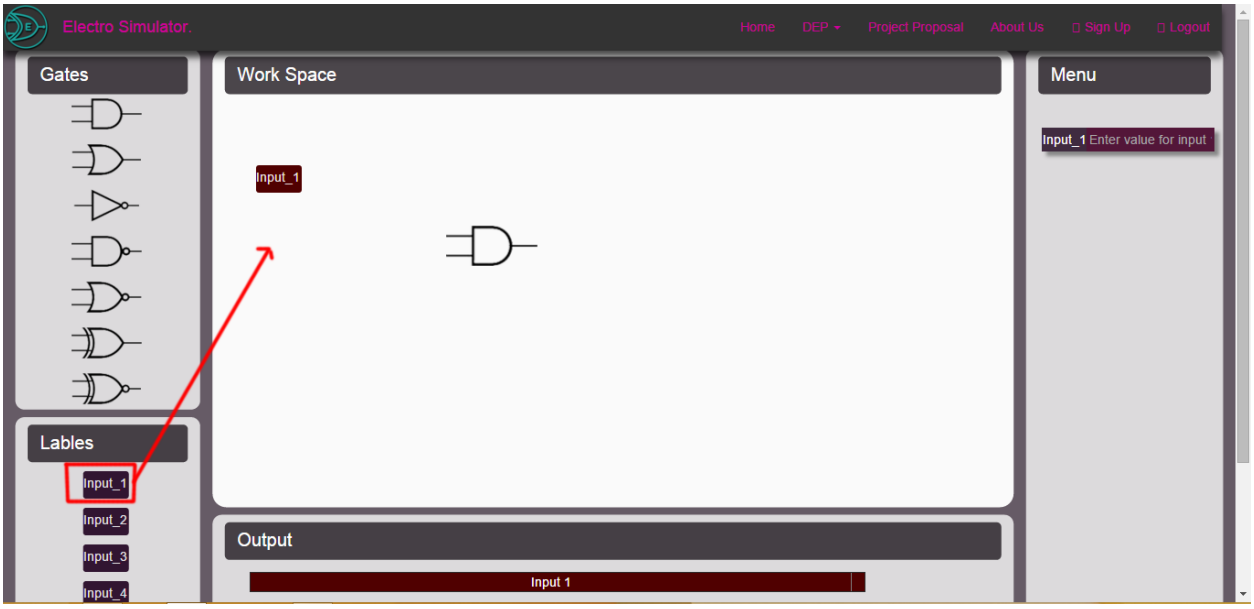
- On-line electronic circuit parts mapping by using given tools.
- Generate real world electronic circuit map.
- Circuit board testing.
- Analysis the electronic circuit by using graphs and diagrams

You can try this experiments regarding the electronic gates as shown in the below screen shots.

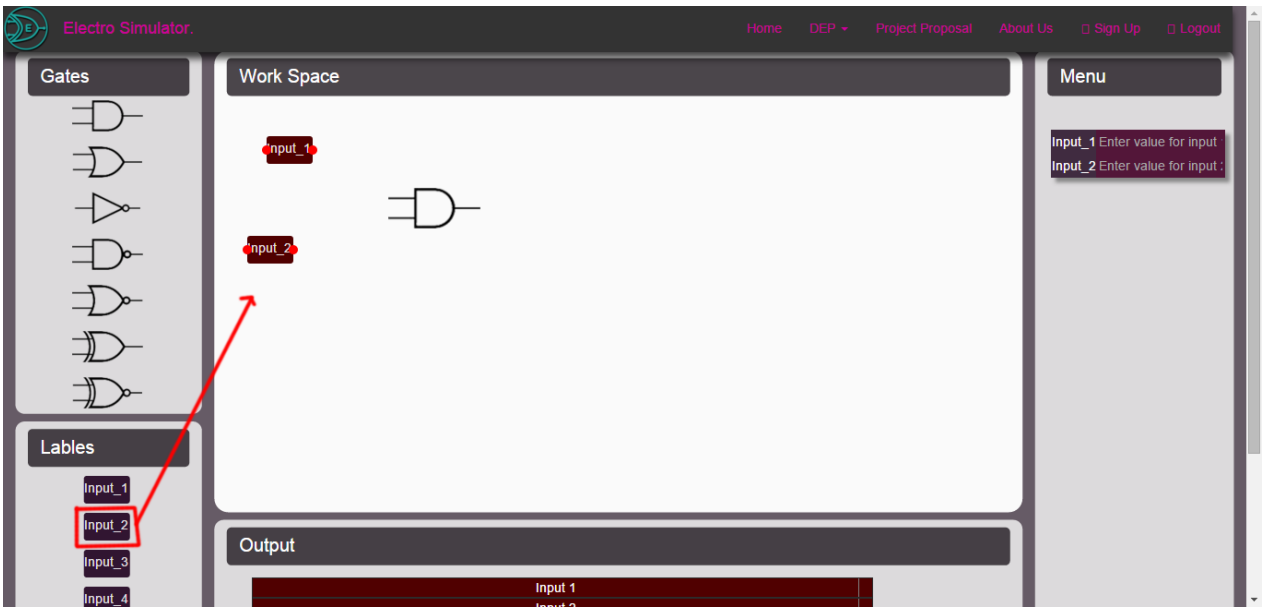
a) Drag and drop any gate for the working area.



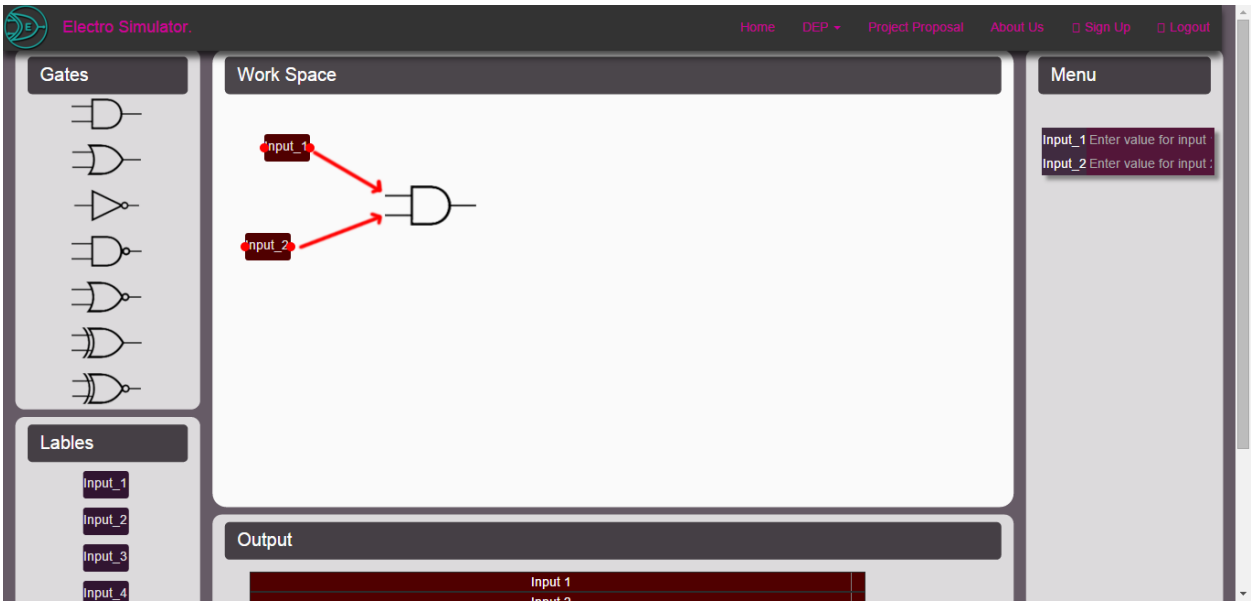
b) Drag and drop first input for your working area.



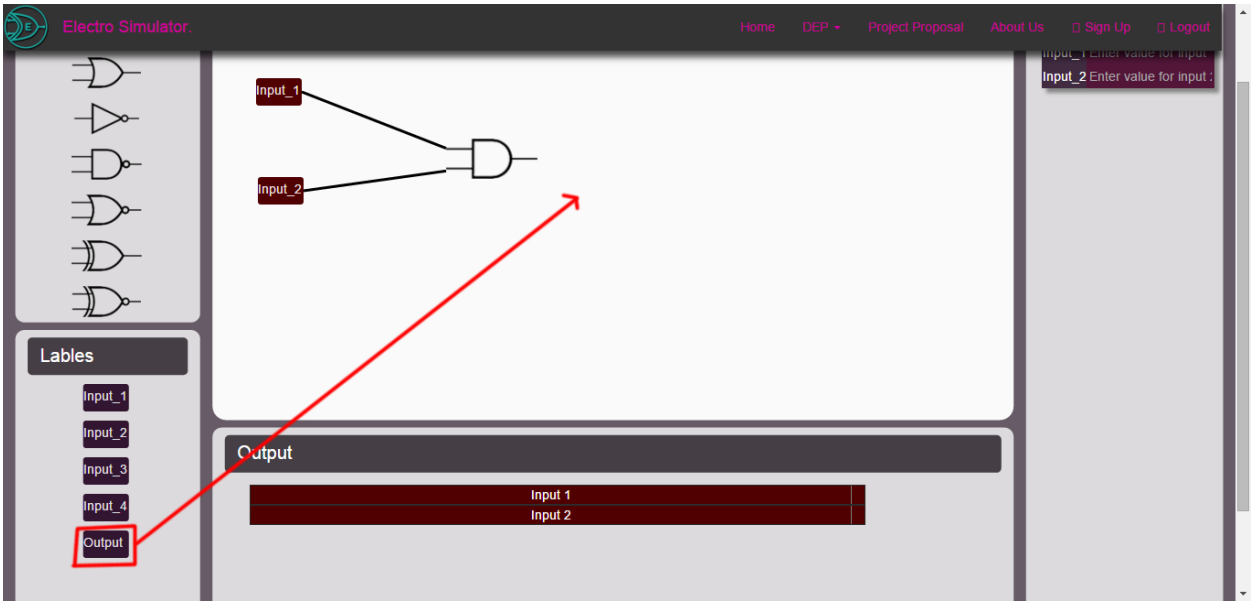
c) Drag and drop the second input for the working area.



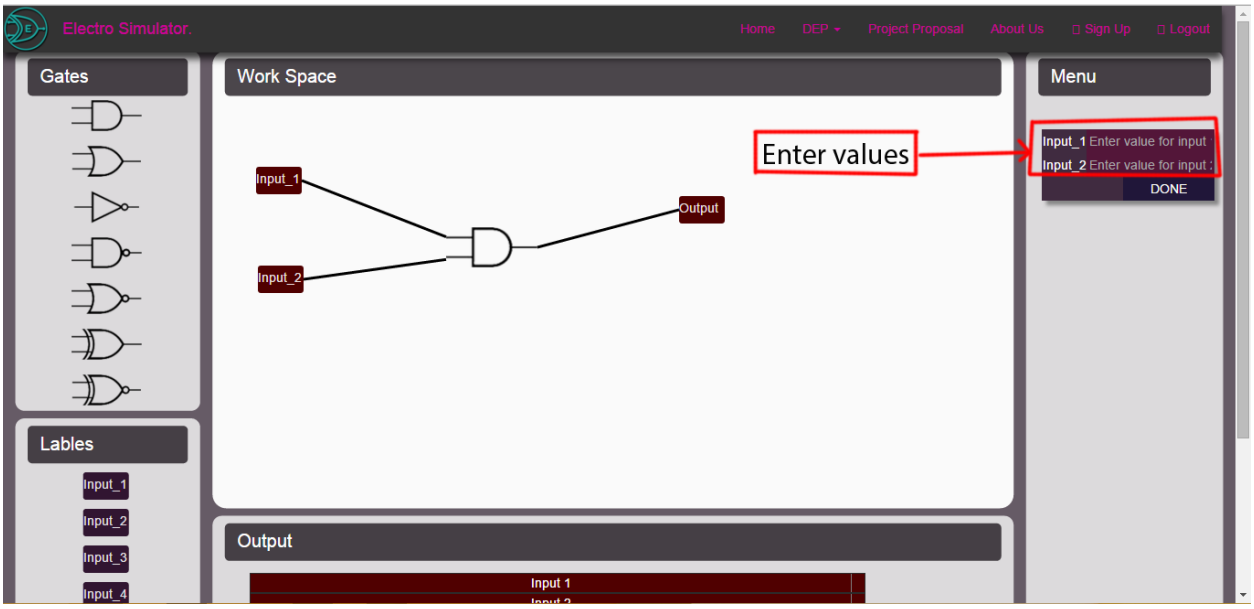
d) Connecting the inputs with the gate. (Take mouse point to the right side red dot of the input button, then it will pop up. Then click there and drag to the point that you want connect. When you dragging the input connection to the gate, the gate's input will be pop up. Then click there. Now you have made the connection between the gate and input.)



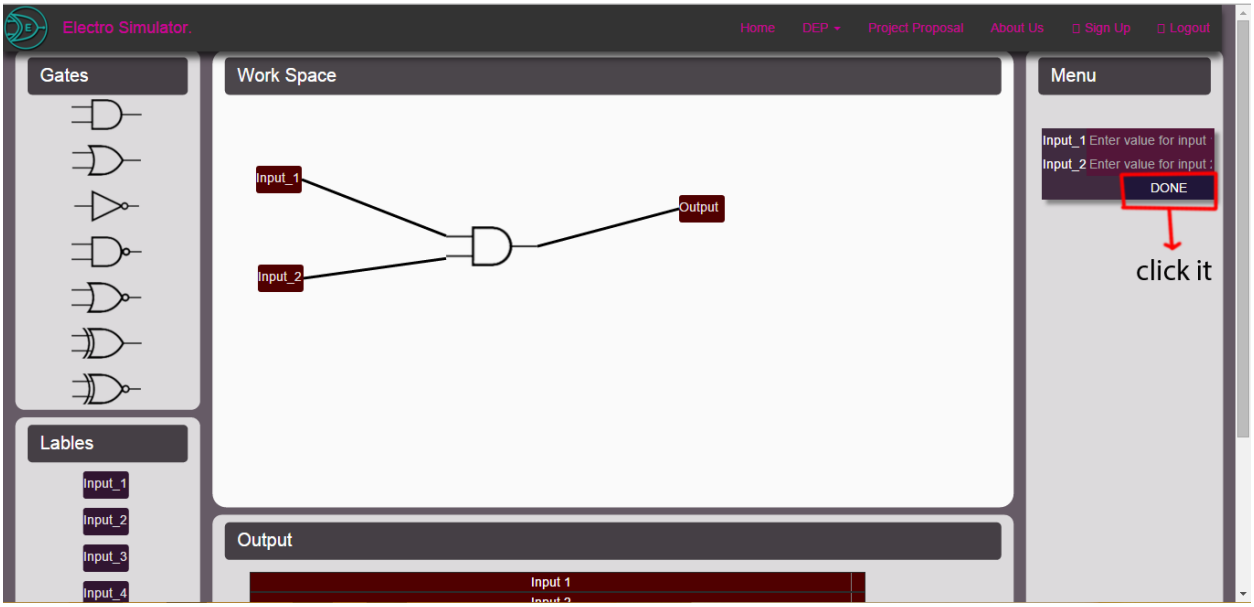
e) Drag and drop the output button to the working area. (Here also you can connect the gate's output with the output button as we mentioned above.)



f) Give the input values. (Here we can give the input values 0/1)



g) Click the DONE button to get the output. (After you click the DONE button, you will see the output from below of the page as a table.)



h) Here we do not have add any undo button or you cannot have a new working area. And also, you cannot delete the gates or inputs/output after you drag and drop them for your working area. You only can do the “refresh” the site and then you can try a new experiment.