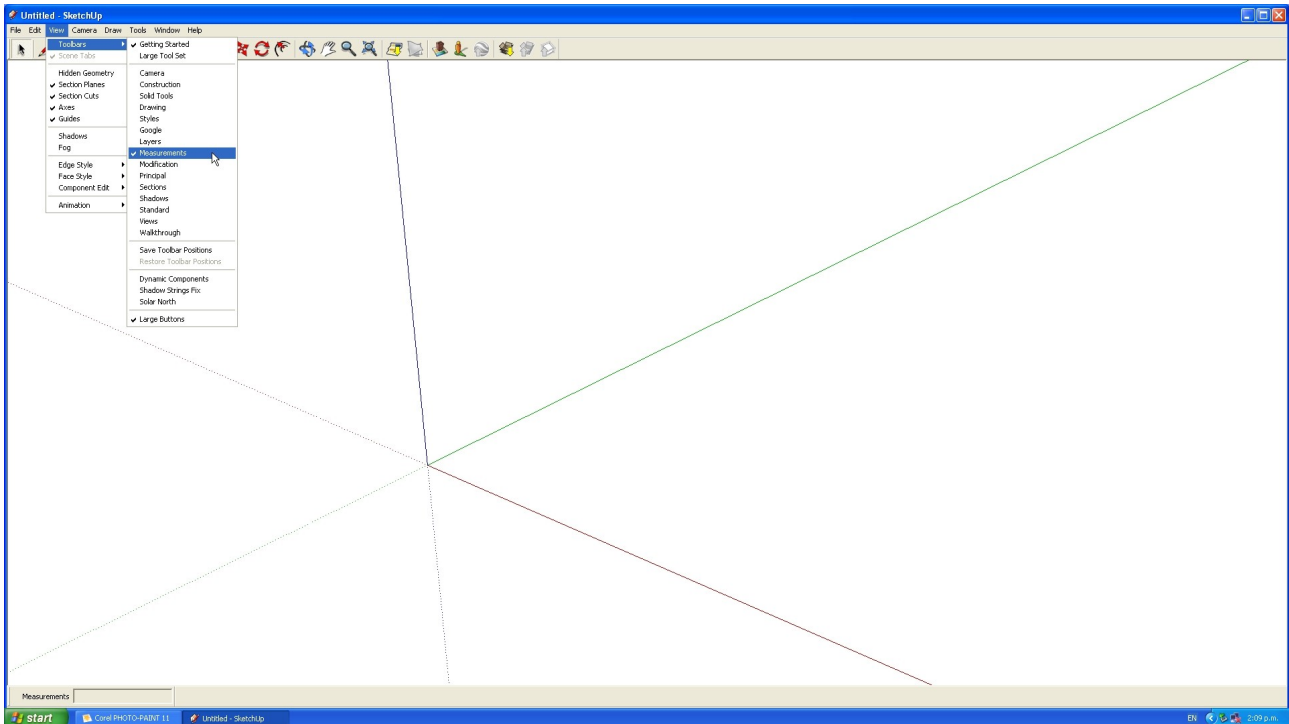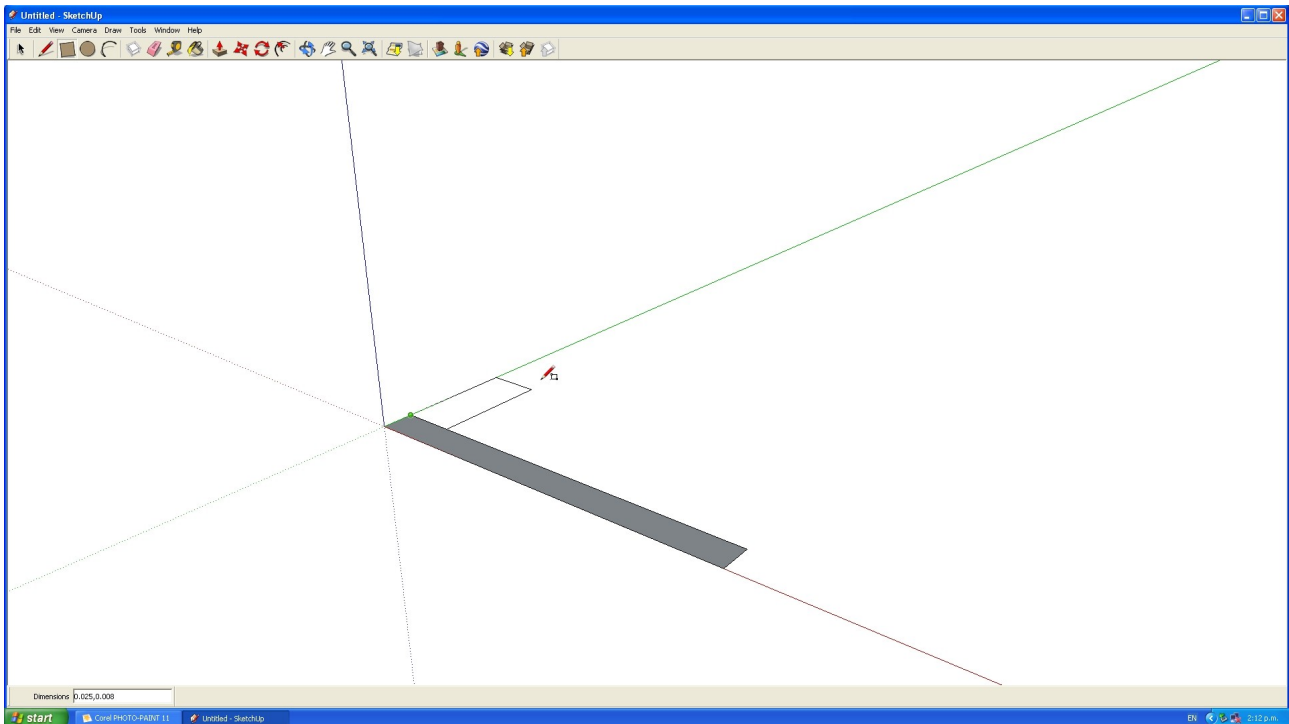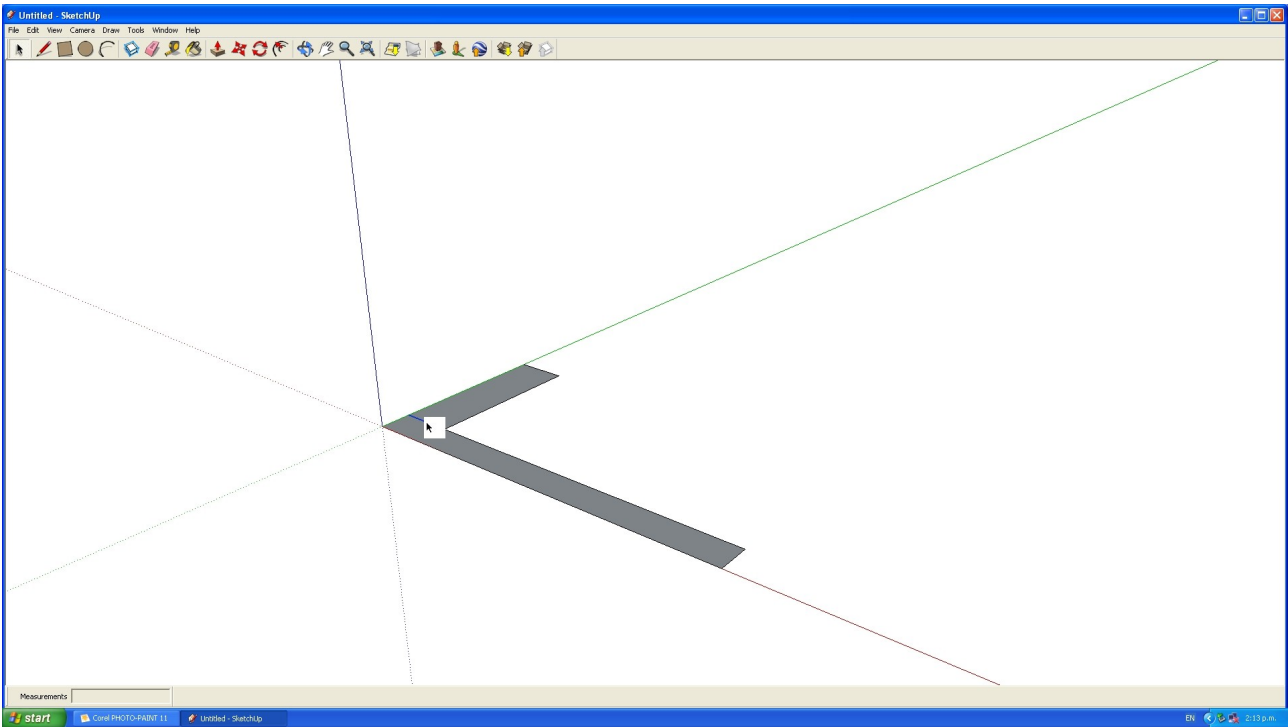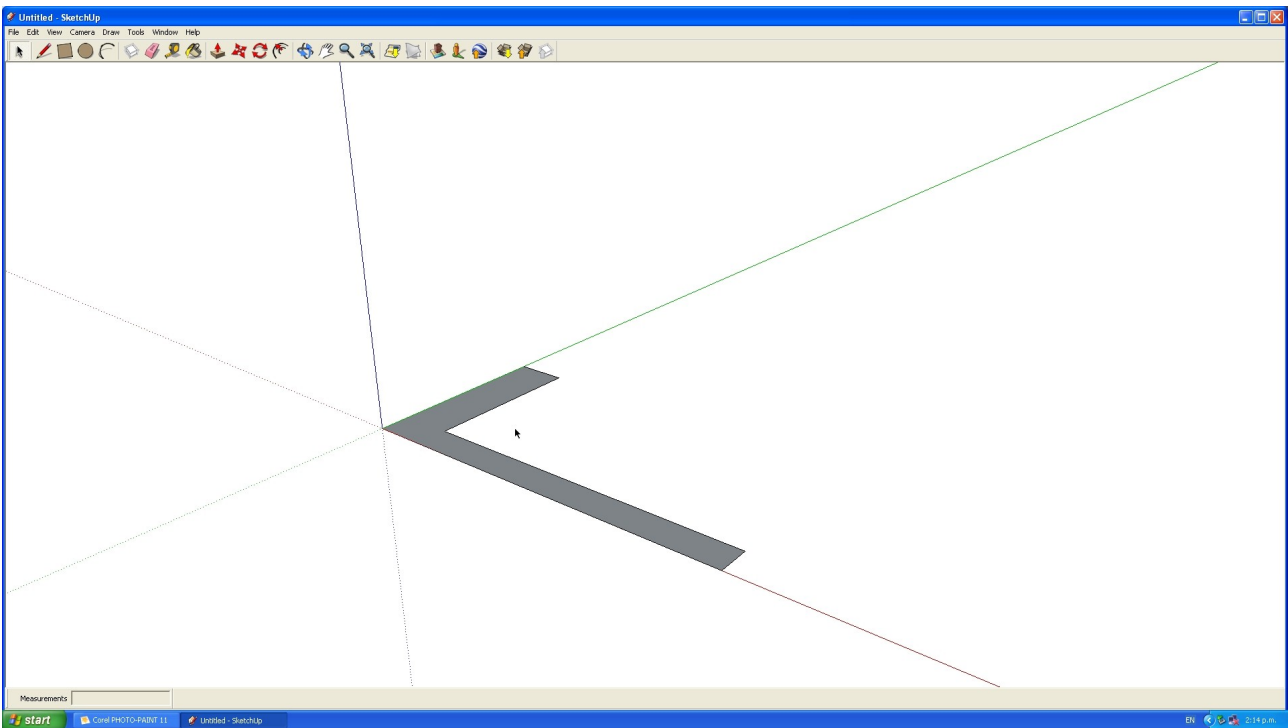# Sketchup Bracket

If its not there already set the view to include the "Measuring" tool. This will allow you to key in the exact dimensions.
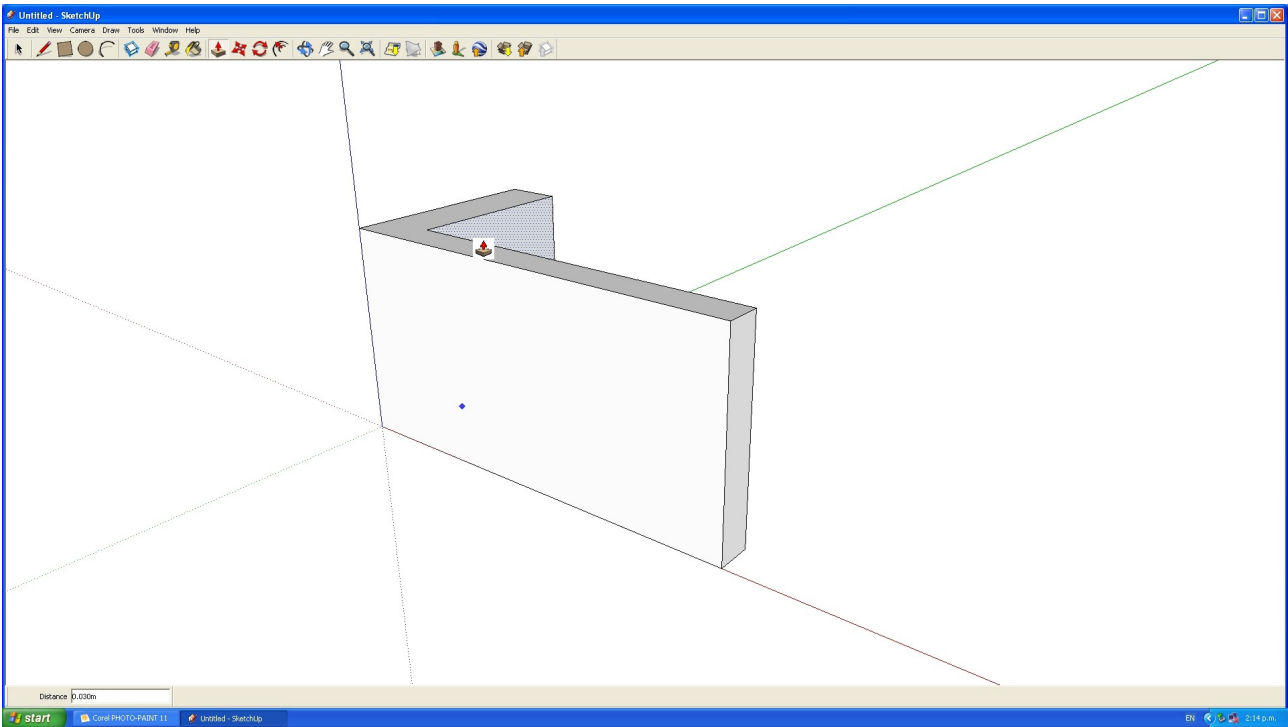

Draw a rectangle. 60mm x 5mm. Then another starting from the end of the first rectangle 25mm by 8mm. Observe the green guide node which will help you get the exact point.
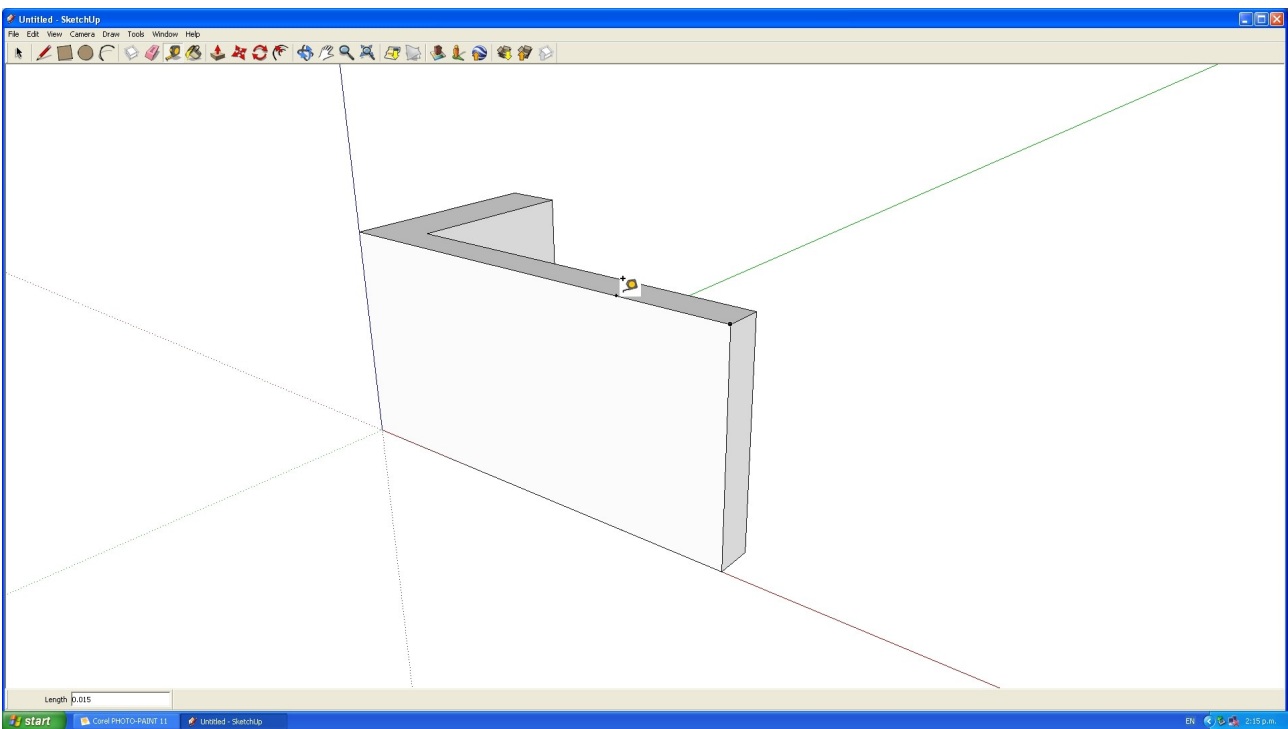
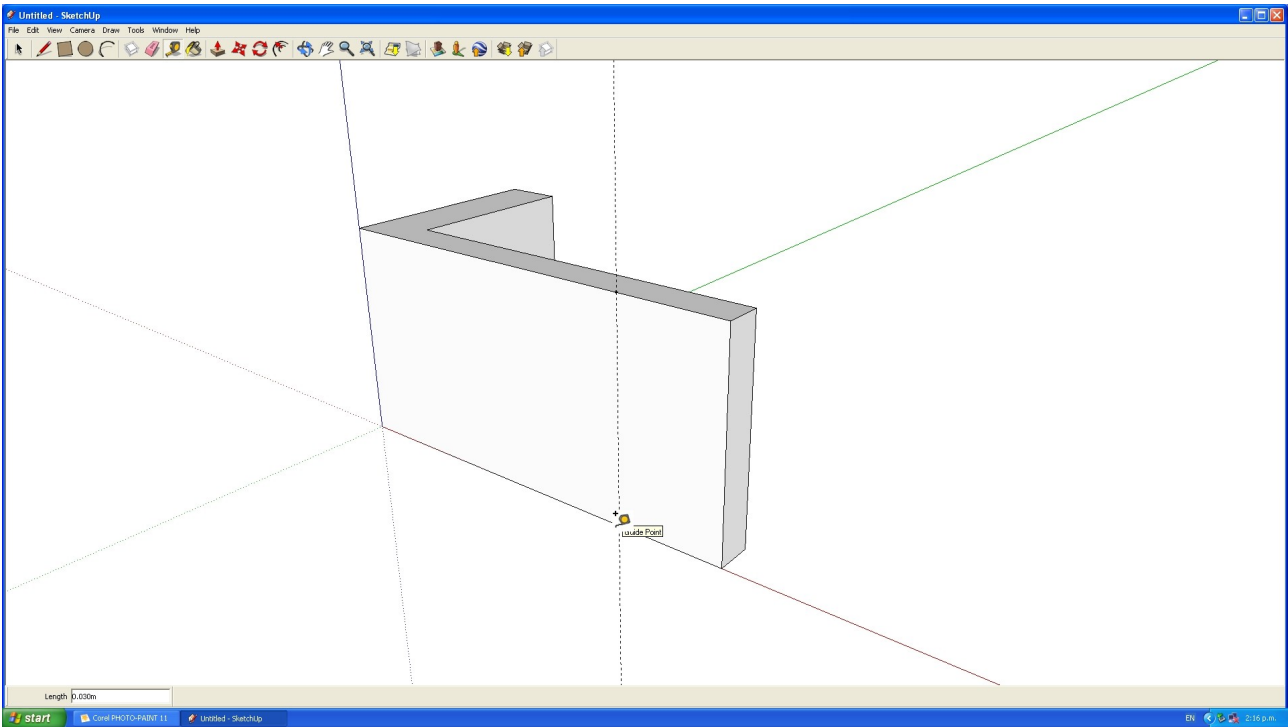With the Selection too select the line between the two rectangles …
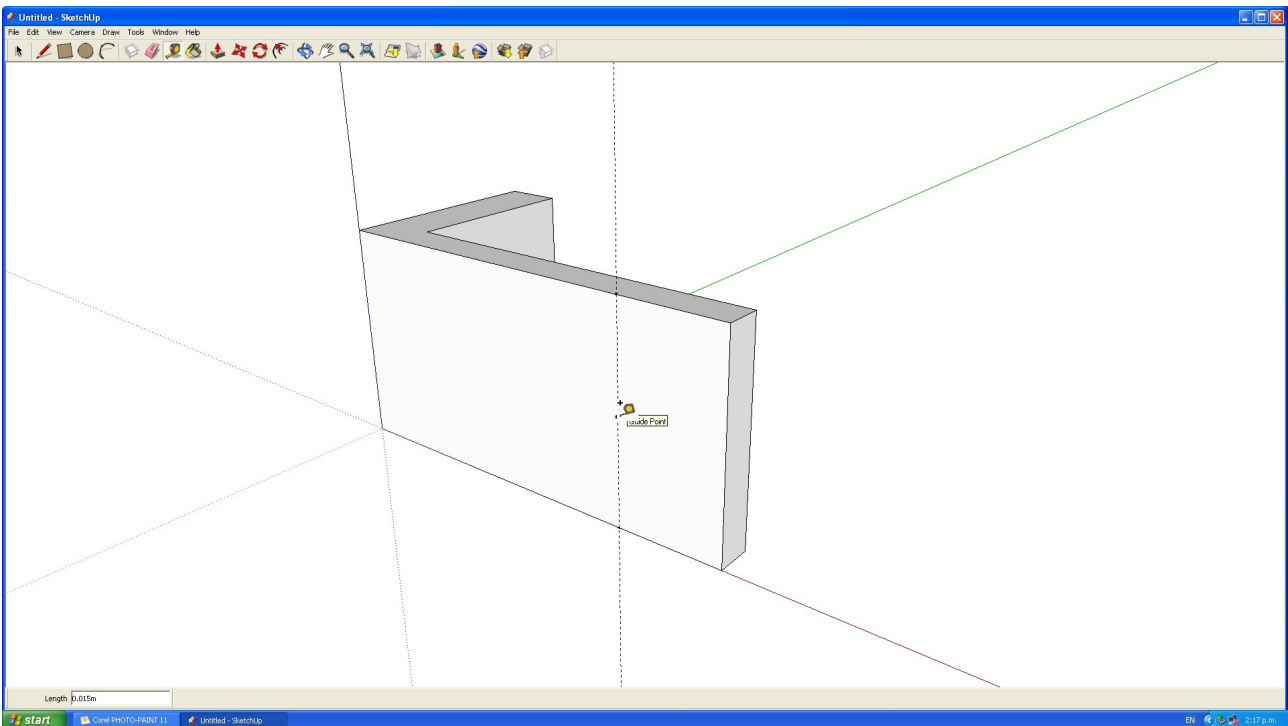

….. and delete it.

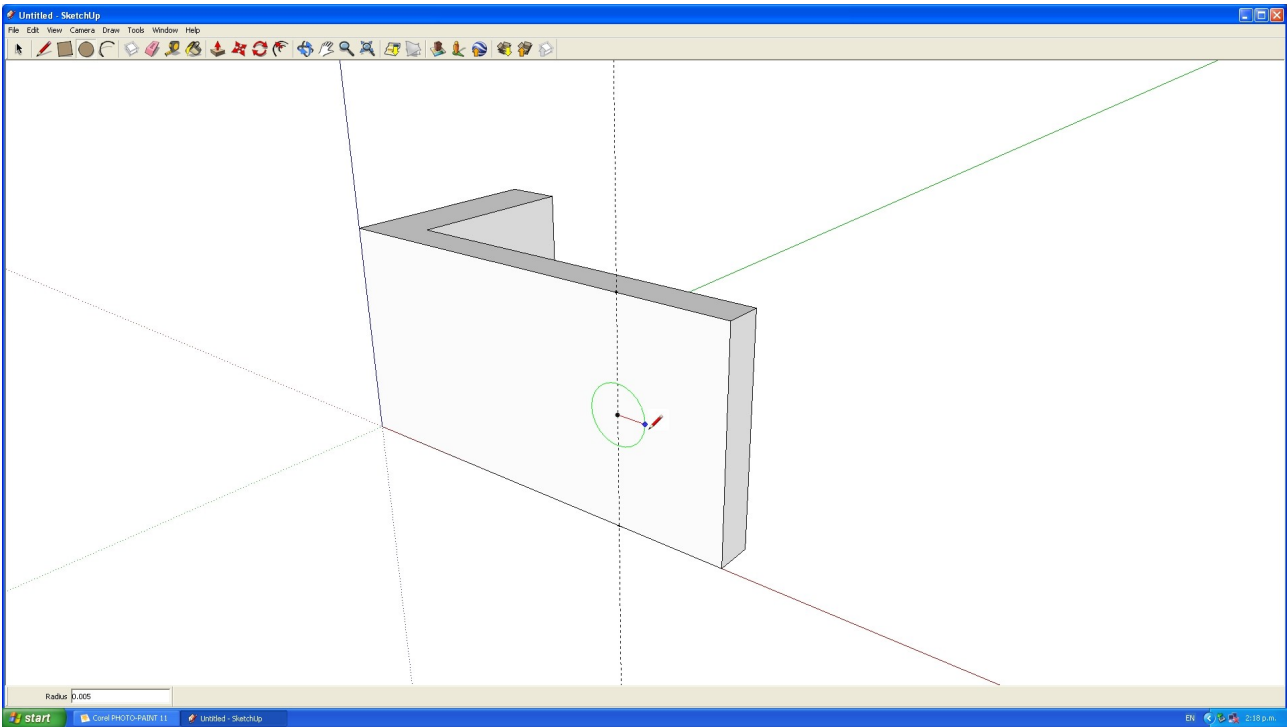Use the push/pull tool to extrude the shape up 30mm.

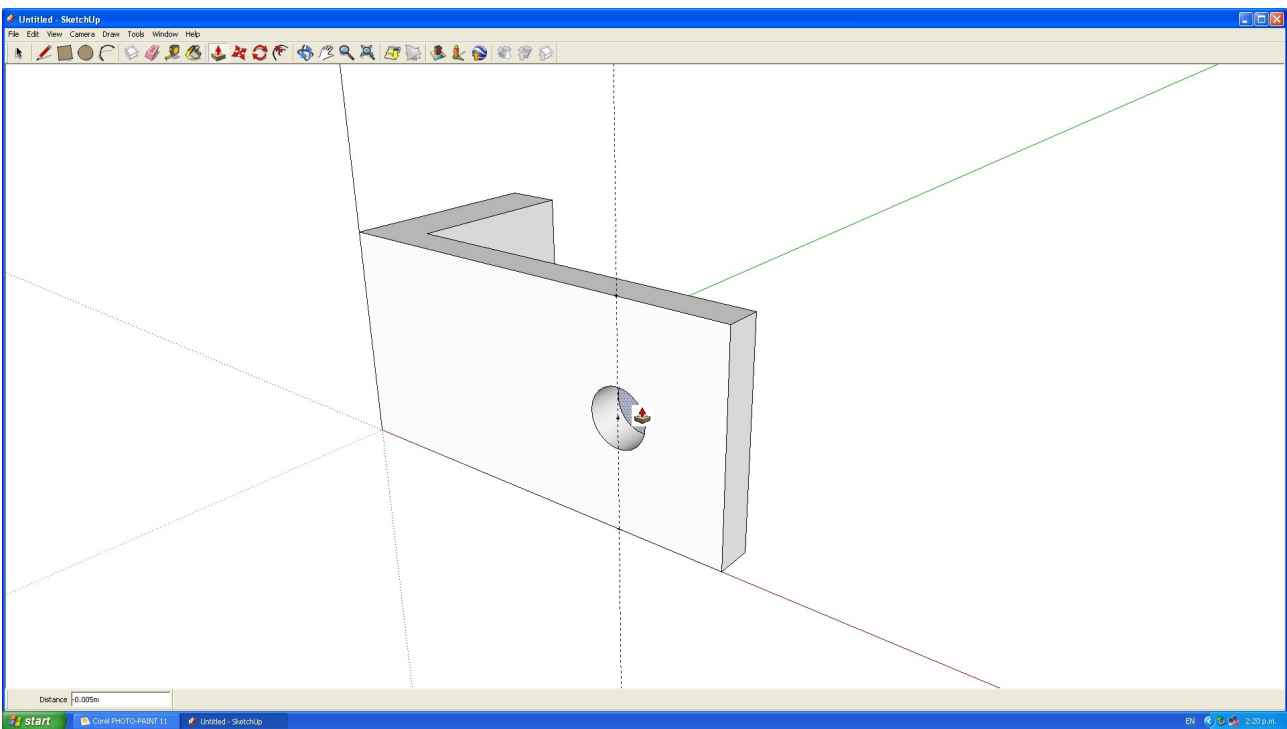Use the tape measure tool to mark a node 15mm along the edge.

Do the same on the bottom and use the tape measure tool to create a construction line between the two.
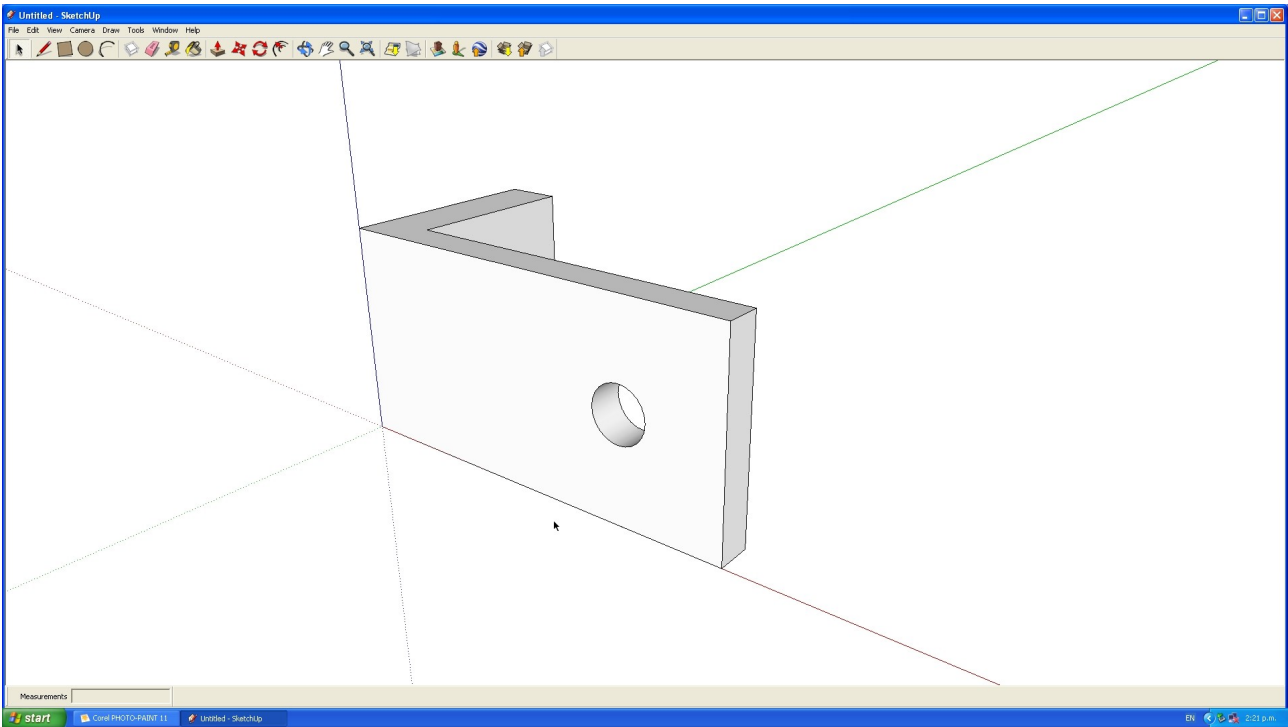

Use the tape measure tool to mark a node 15mm down the construction line. This will be the centre of our circular hole.
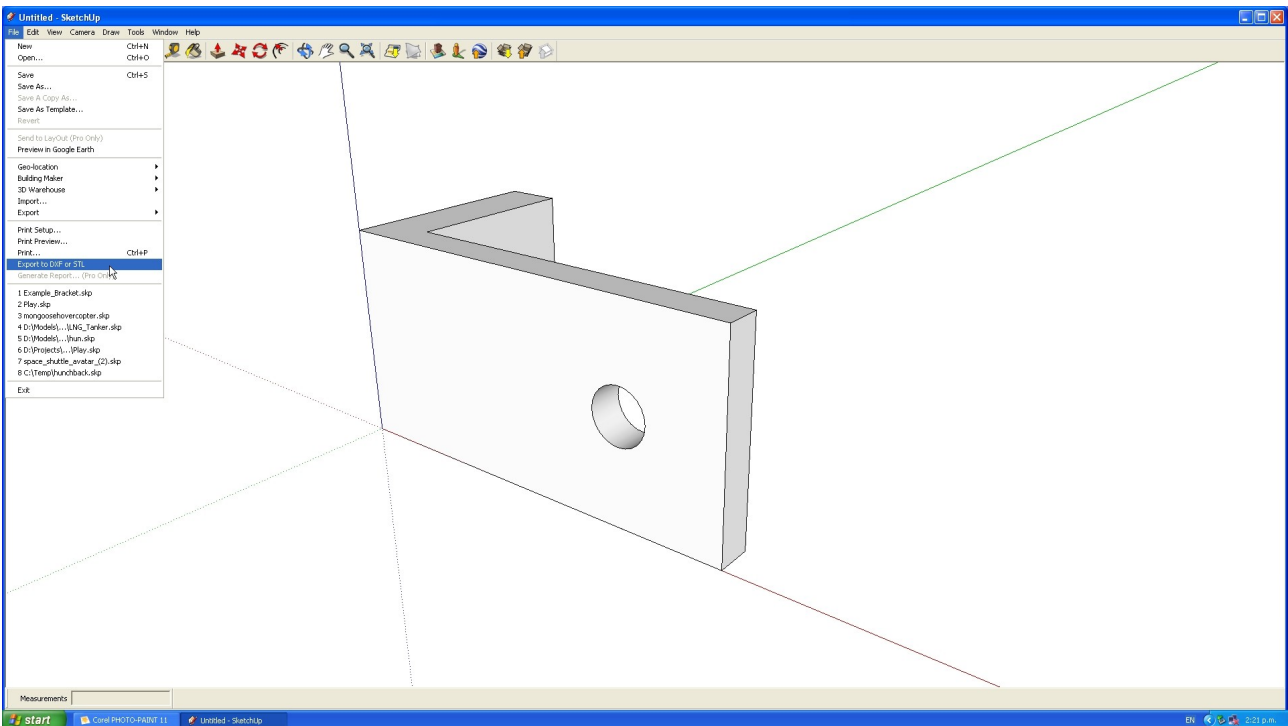
With the circle tool start the circle at the node you have created and key in the radius for the hole.
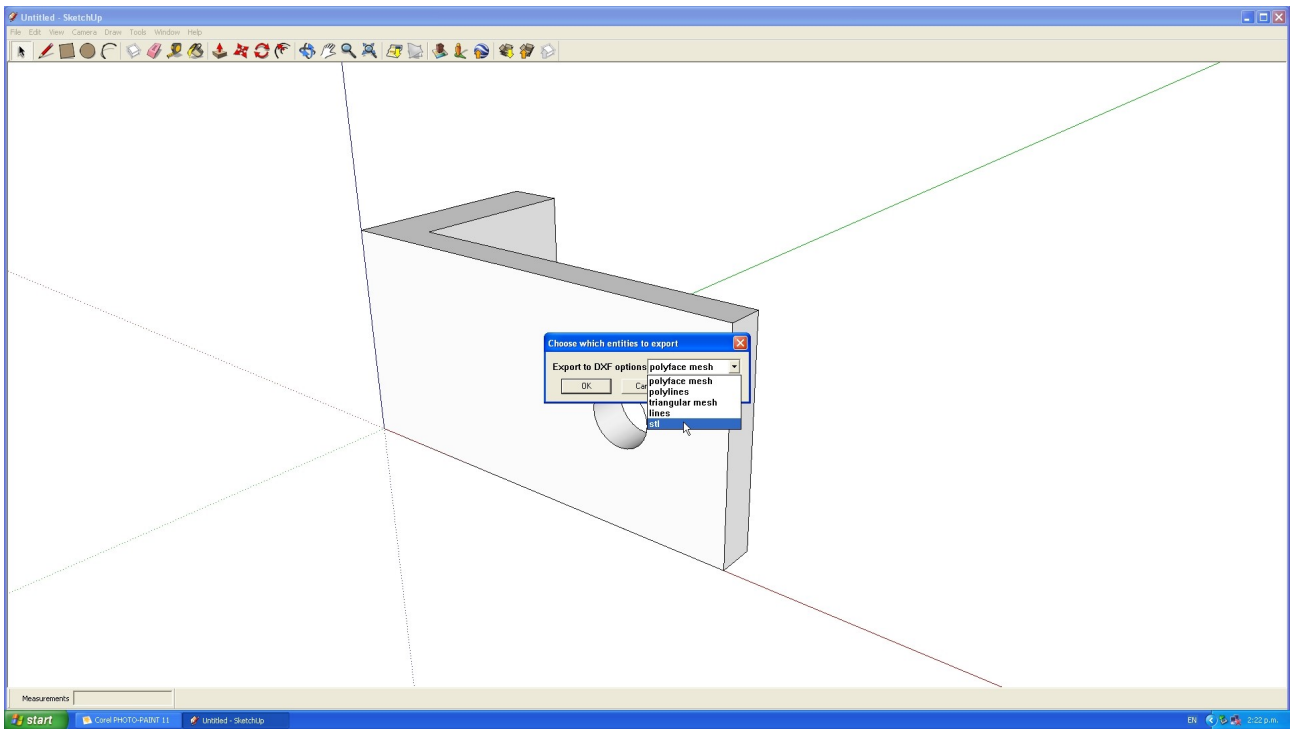

Use the push/pull tool to push the circle into the bracket. Youc an key in the depth to go for (5mm) or just push it through to the other side.

Remove the construction lines and nodes by selecting them and hitting delete.

Use the DXF and STL plugin to export your mesh in a 3D printing software friendly STL format.

Select STL from the drop down. When it asks you about scale for the model select the units as millimetres.
You can scale the models in mot slicing programs.

Save your model.

Hamish Trolove

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