

Practice:

$$Q_{\text{with shield}} = Q_{\text{without shield}} \times 0.01$$

$$\frac{\sigma(T_1^4 - T_2^4)}{\left(\frac{1}{\varepsilon_1} + \frac{1}{\varepsilon_2} - 1\right) + n\left(\frac{1}{\varepsilon_{3,1}} + \frac{1}{\varepsilon_{2,1}} - 1\right)} = 0.01 \times \frac{\sigma(T_1^4 - T_2^4)}{\left(\frac{1}{\varepsilon_1} + \frac{1}{\varepsilon_2} - 1\right)}$$

$$5,42 + 79n = 542$$

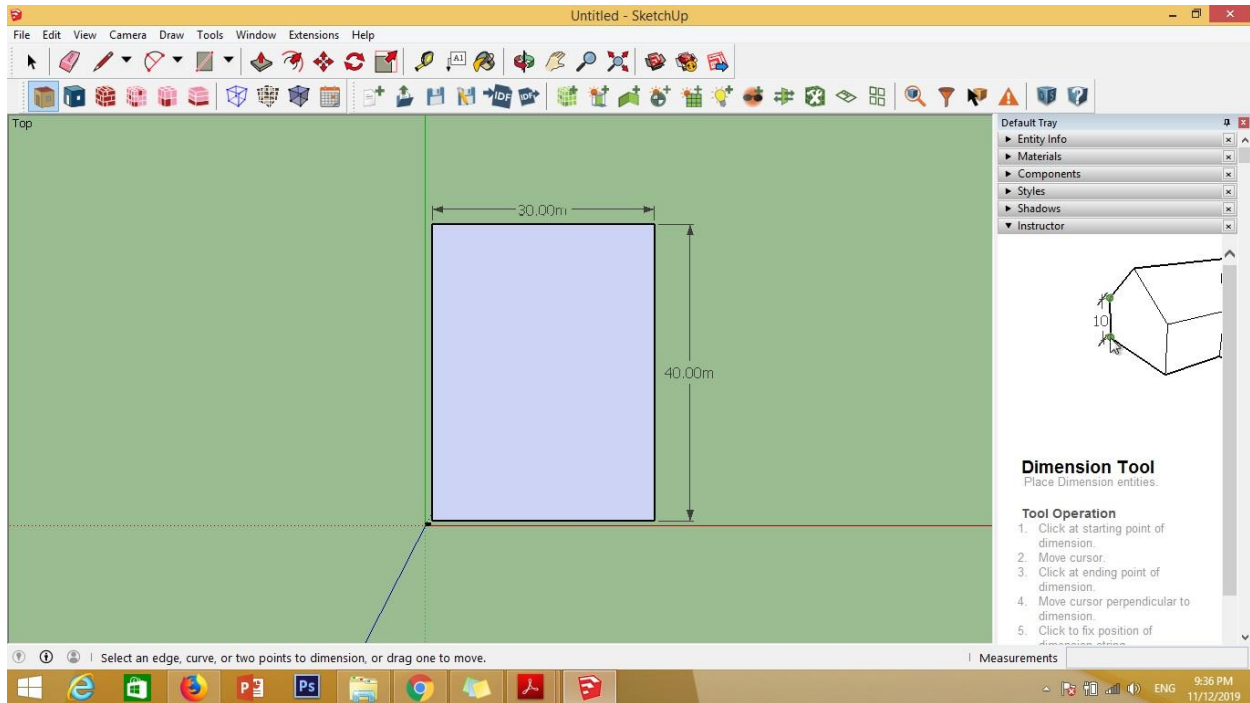
$$\left(\frac{1}{0.2} + \frac{1}{0.7} - 1\right) + n\left(\frac{1}{0.1} + \frac{1}{0.1} - 1\right) = 100 \times \left(\frac{1}{0.2} + \frac{1}{0.7} - 1\right)$$

$$n = 28,24 \sim 29$$

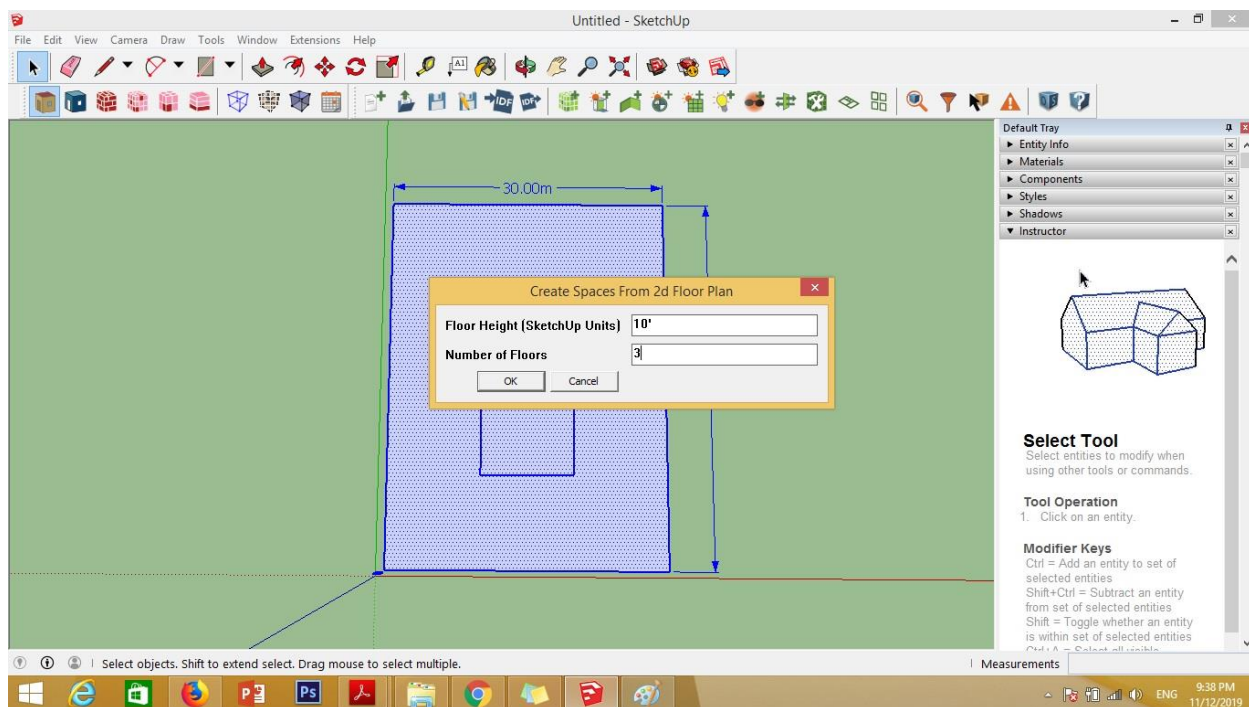


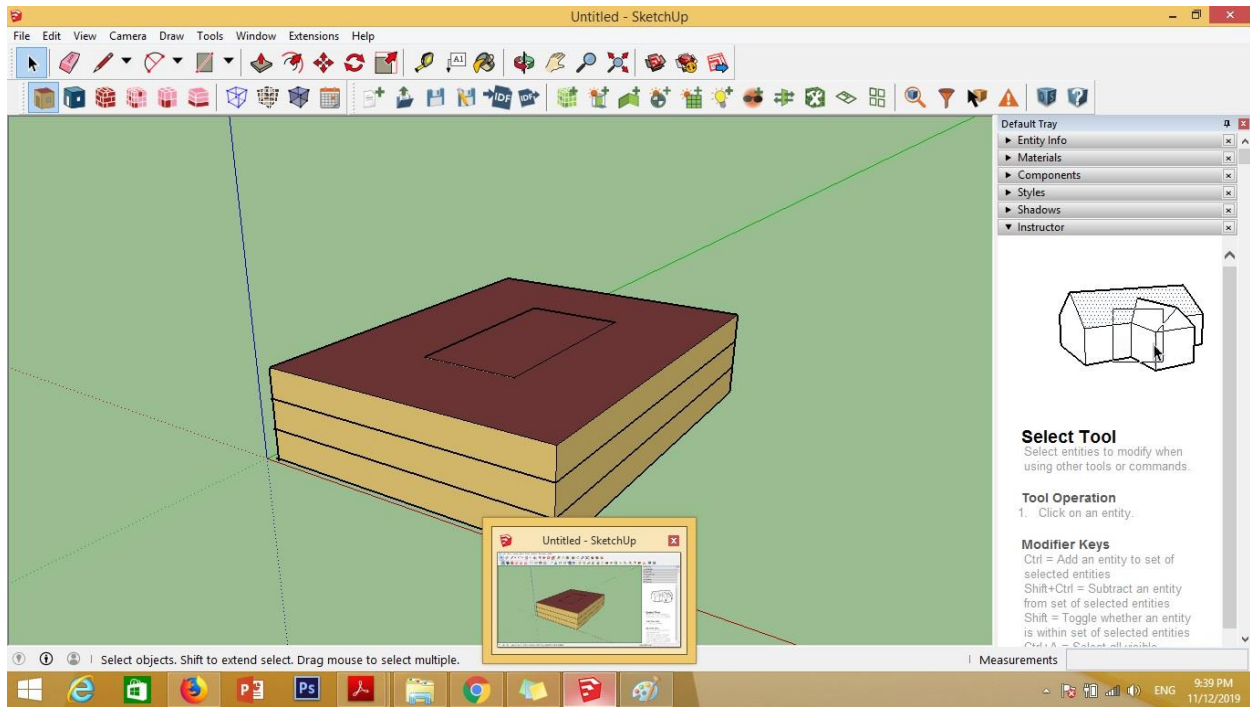
Scanned with  
CamScanner

We draw a rectangle 30\*40 Then we create another rectangle inside and we offset for 10cm finally we connect the edges with 4 lines.

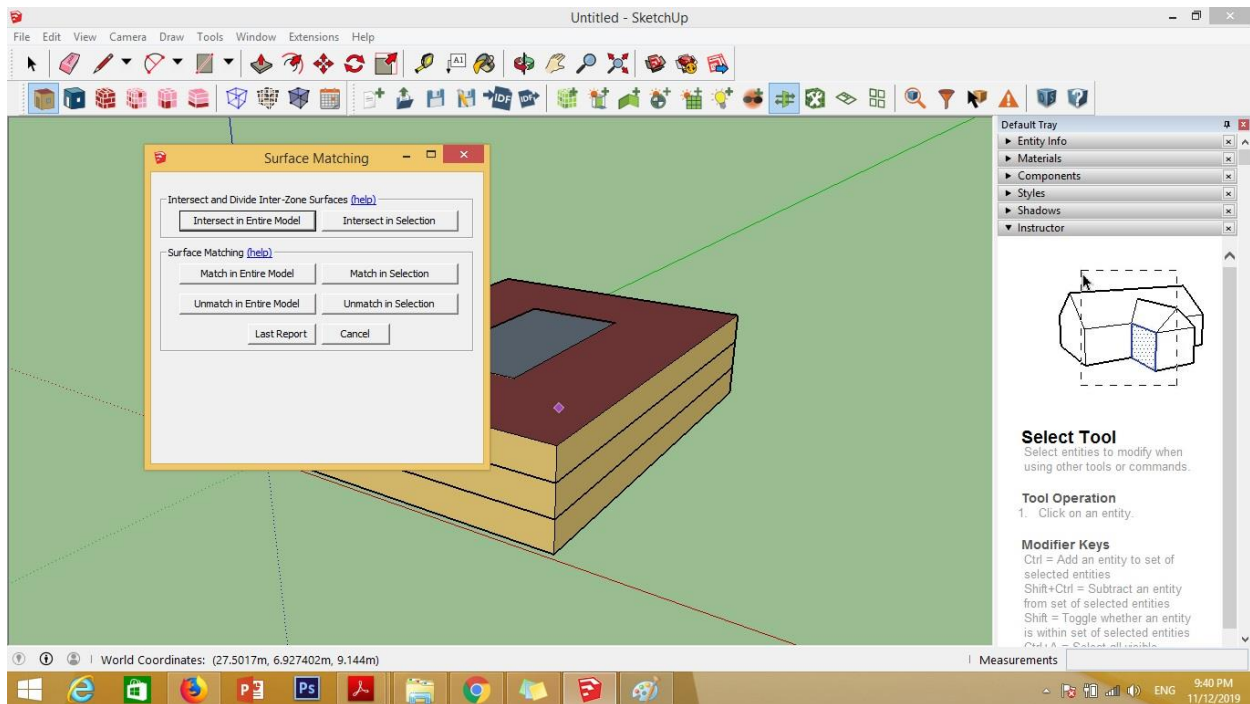


Then we click on diagram to add stories

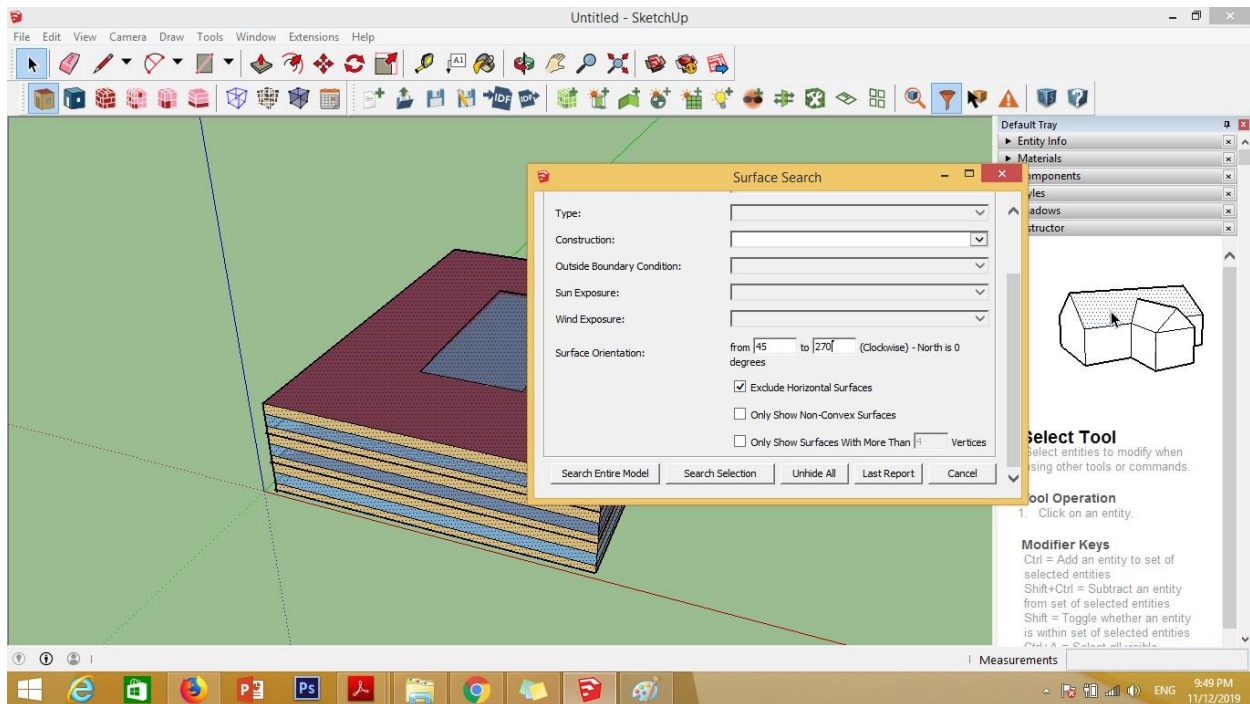
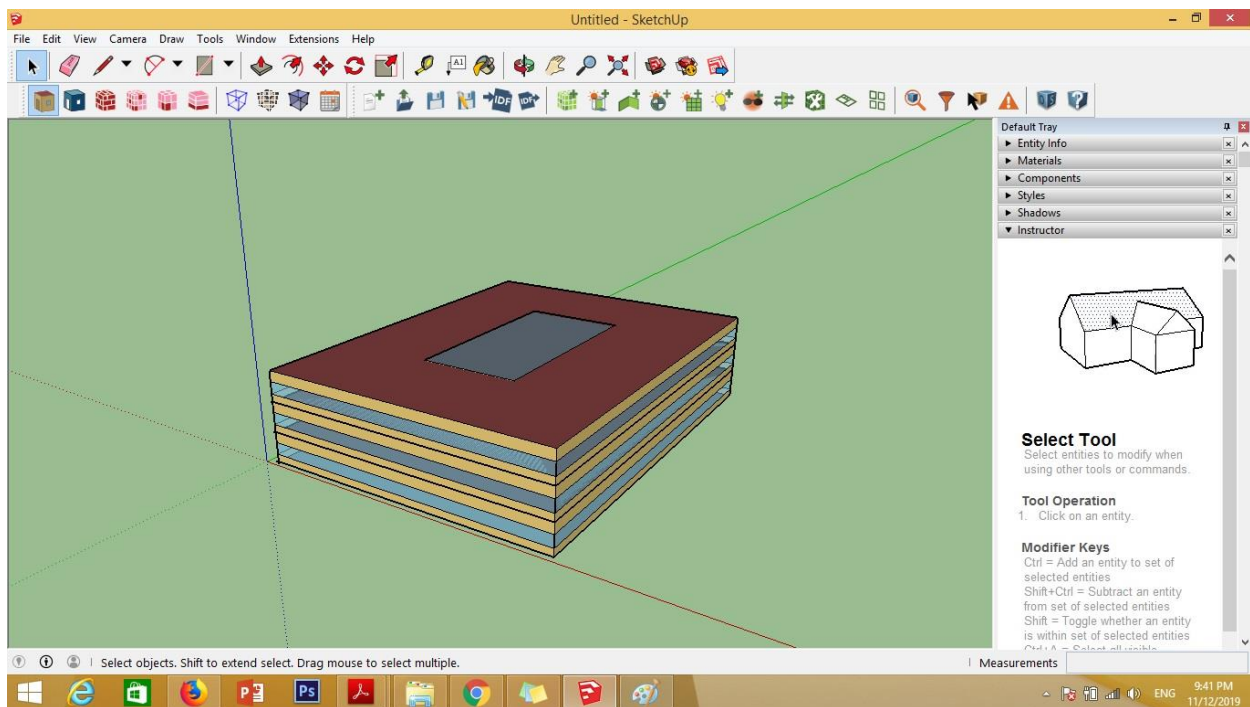




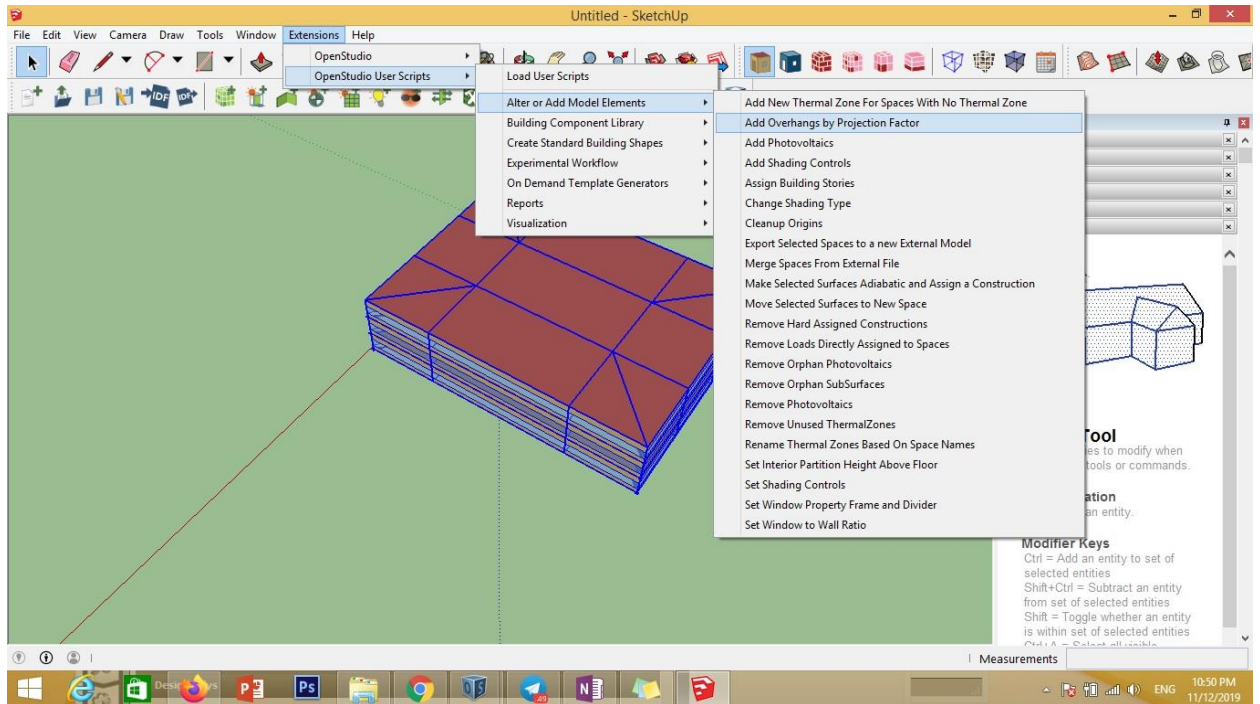
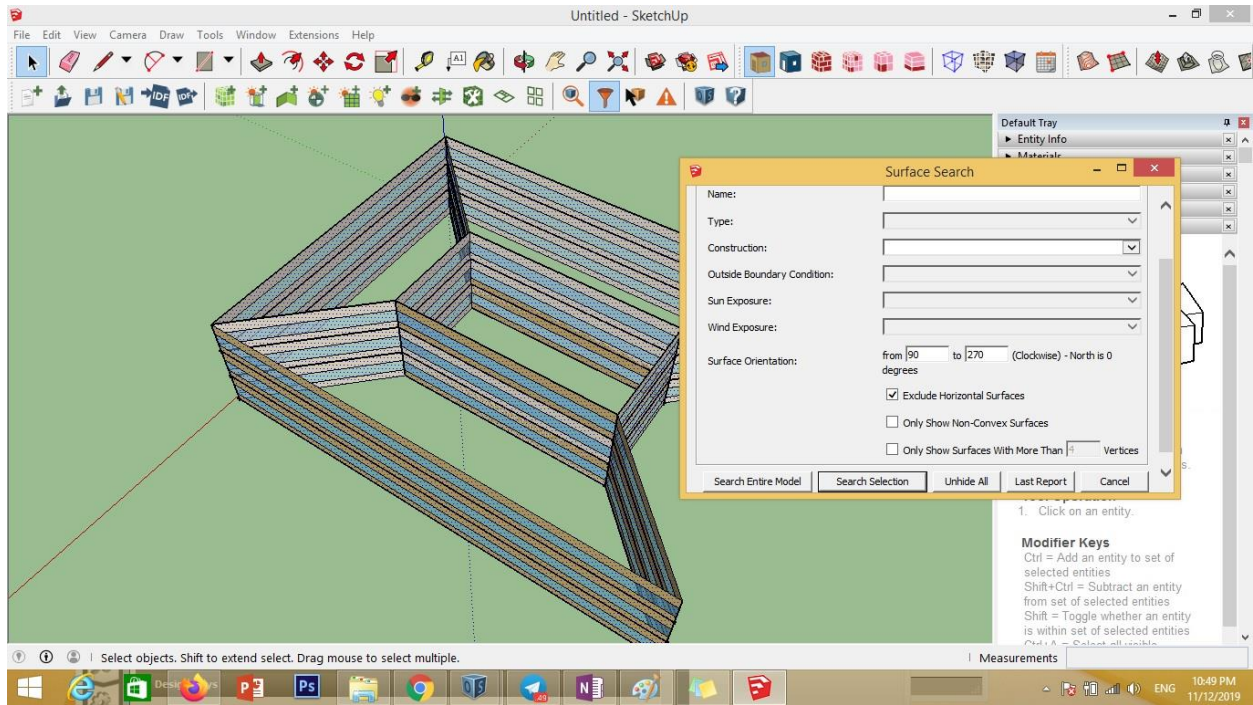
After that we should match the surfaces



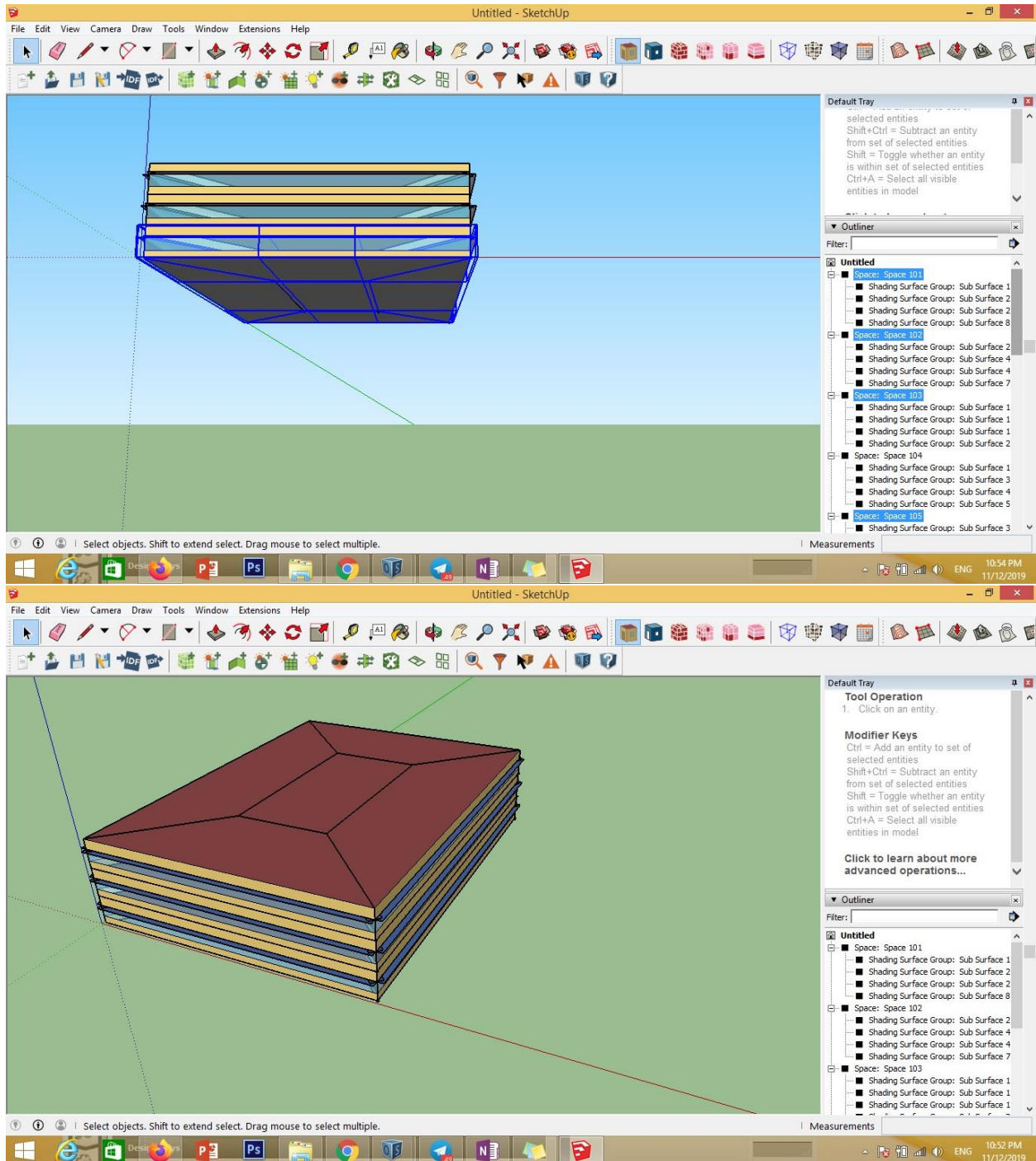
For windows:

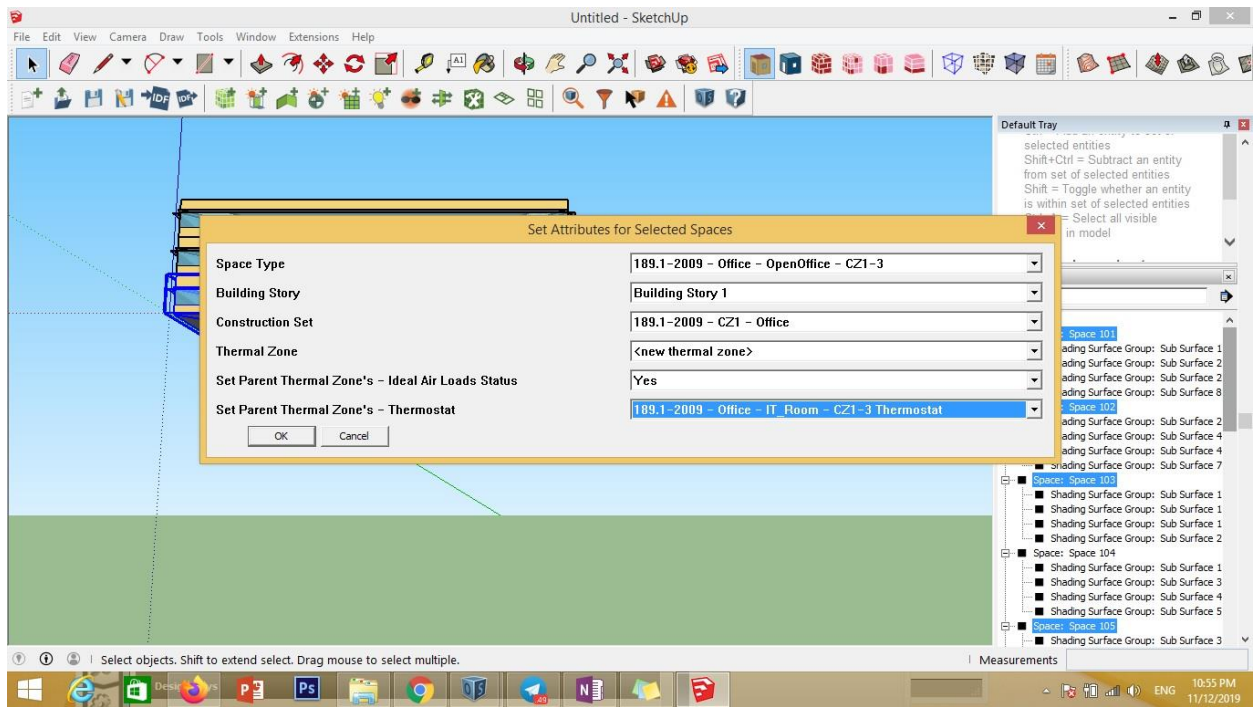




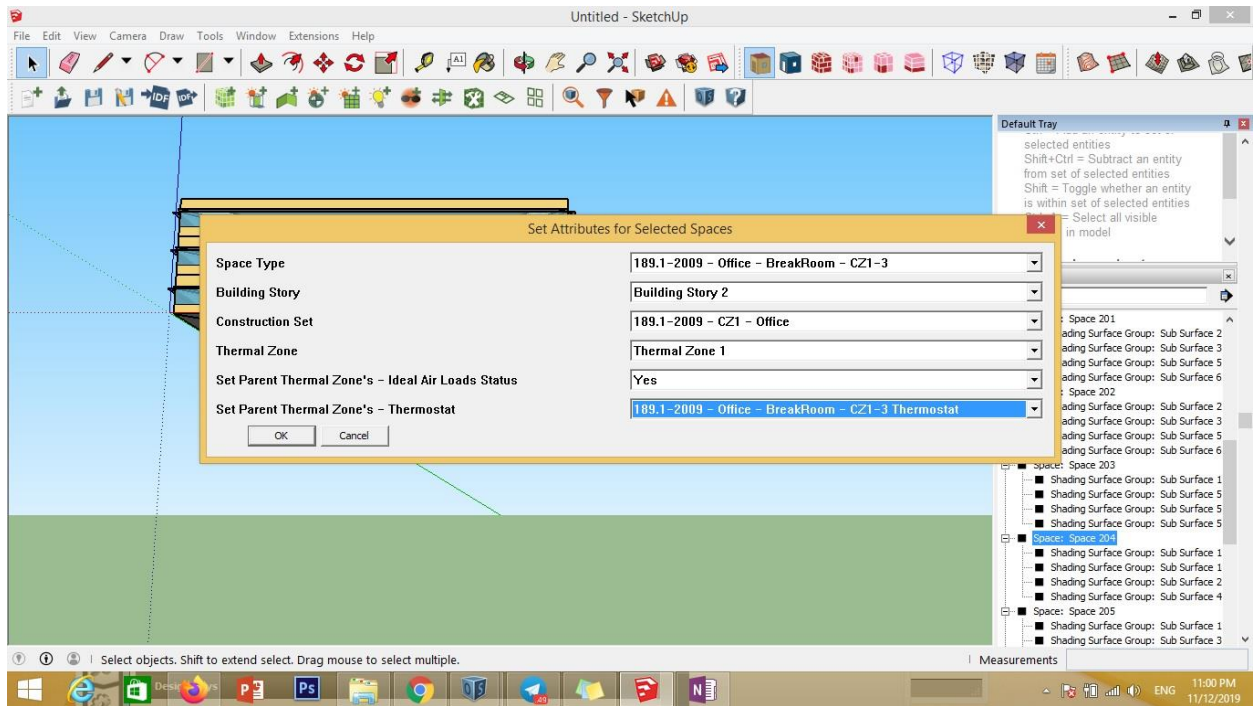


To perform this step you will need to have outliner in your tray





For each floor we should do it





Then we open openstudio from the sketch up and add Piacenza weather on it

