Politechnico di Milano

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Task 1

Solar radiation

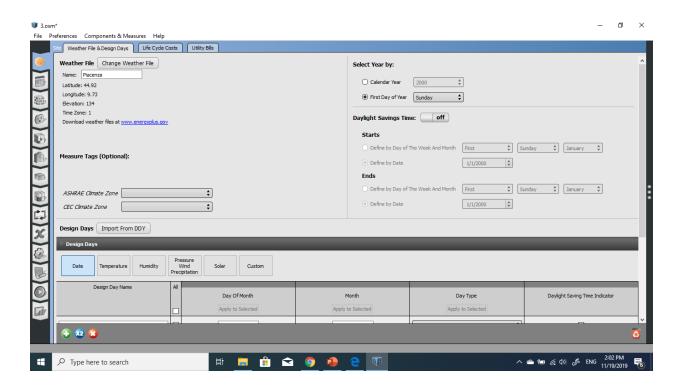
Solar constant is the maximum solar radiation density during the year which is 1367 W/m2 and solar radiation is electromagnetic energy which is separated to spectral distribution and irradiance.

Absorption bands is the specific wavelength which some atmospheric components namely ozone, water and carbon dioxide absorb radiation.

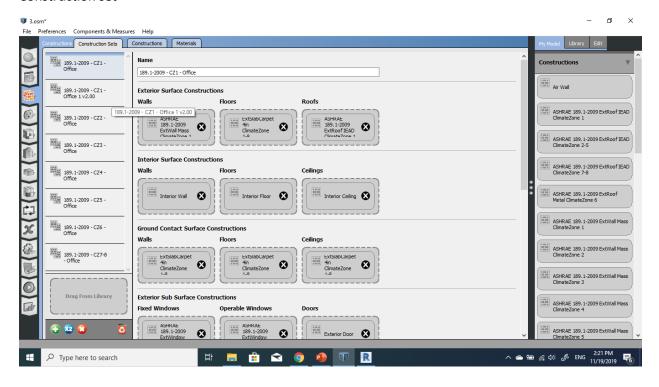
The energy that we gather from the sun depends on:

The altitude and azimuth of the sun, the weather condition which means atmosphere clearness, the site altitude over the sea level and sunshine hours.

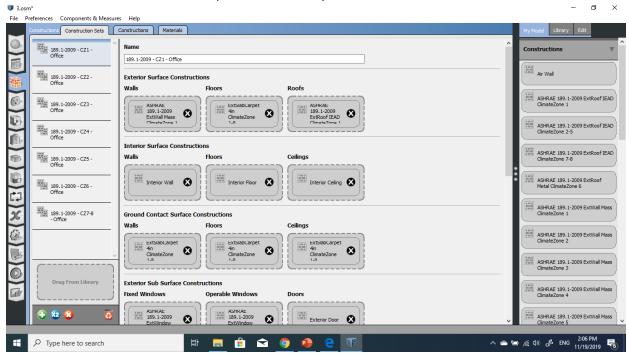
Task 2



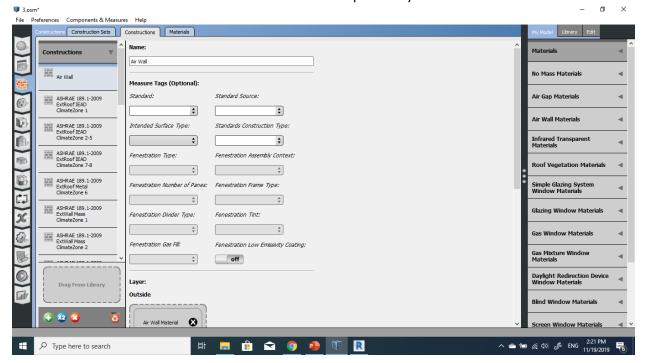
Construction set

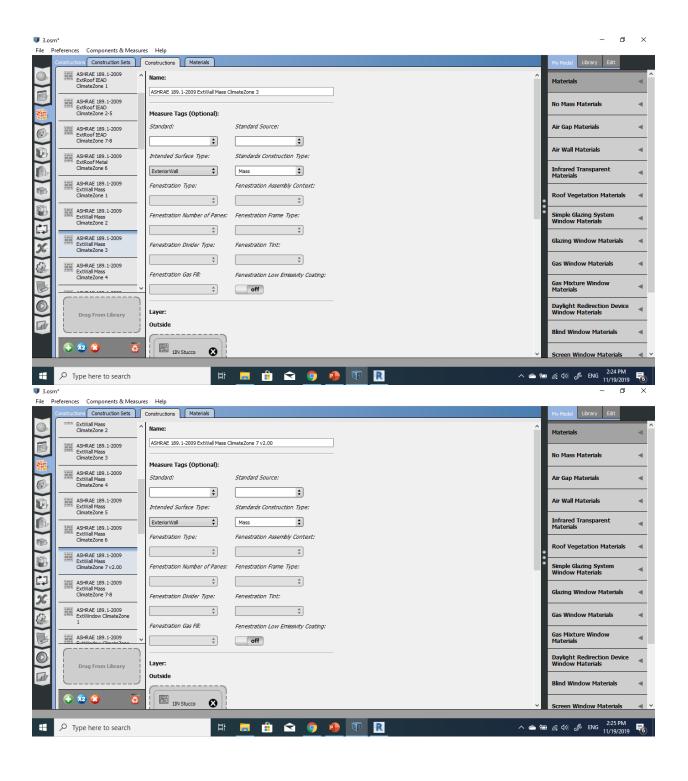


Doplicate from the system file to edit it

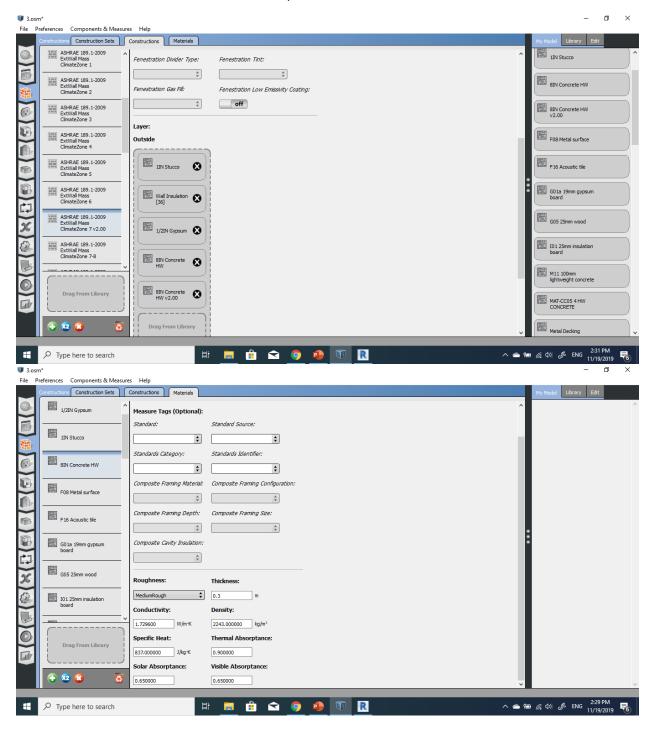


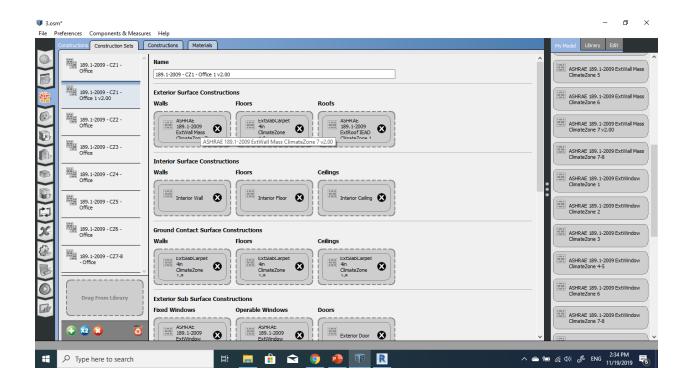
Construction Tab to duplicate layers



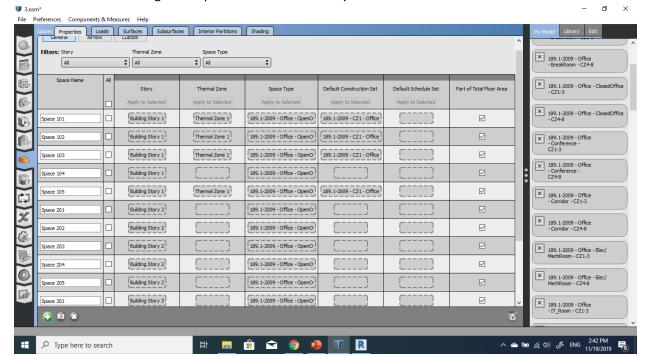


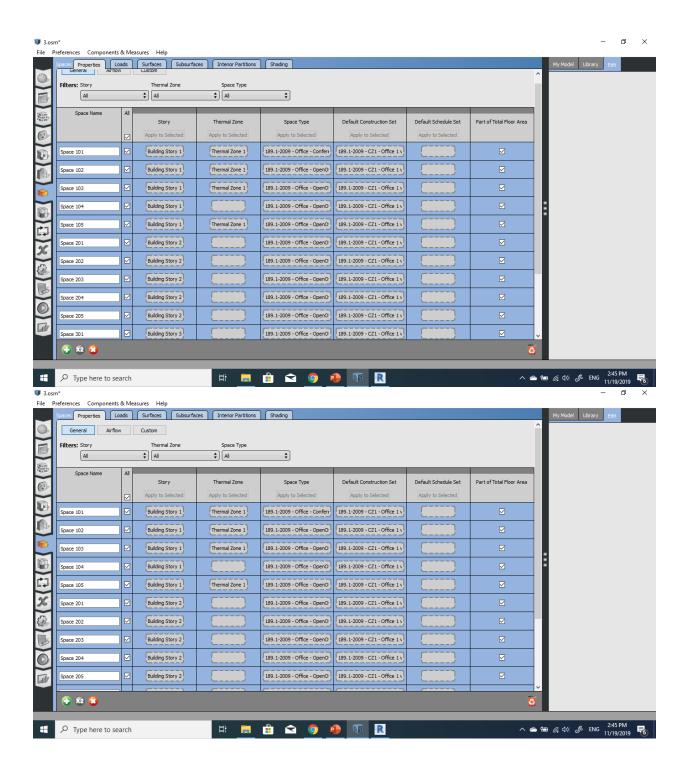
Duplicate materials



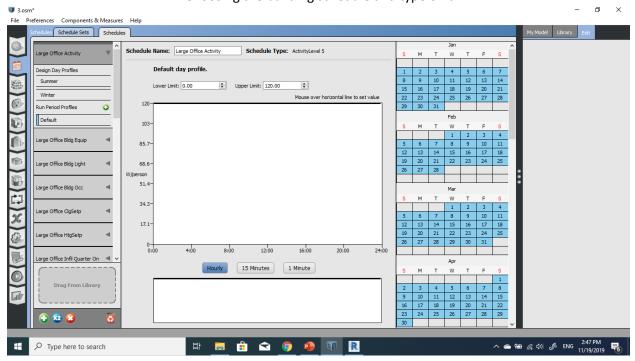


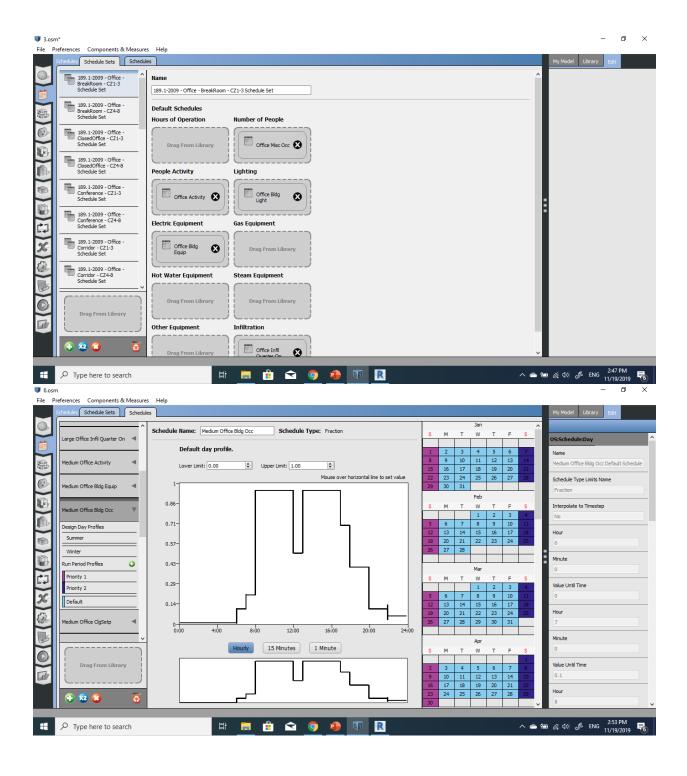
Setting our duplicate walls to whole system as it has done in the class





Choosing the building schedule and type of it





The people features in our building

