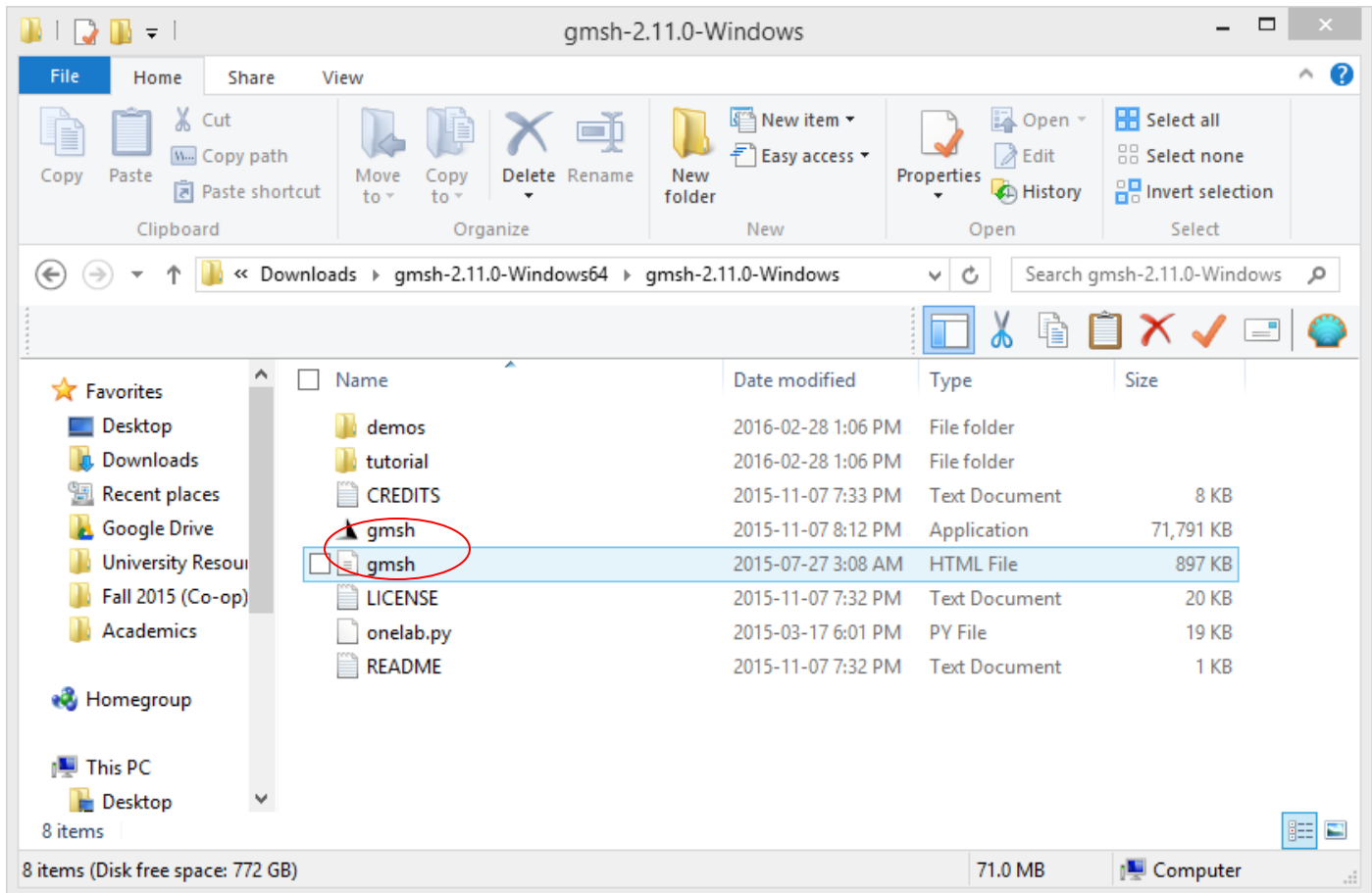


## GMSH instructions

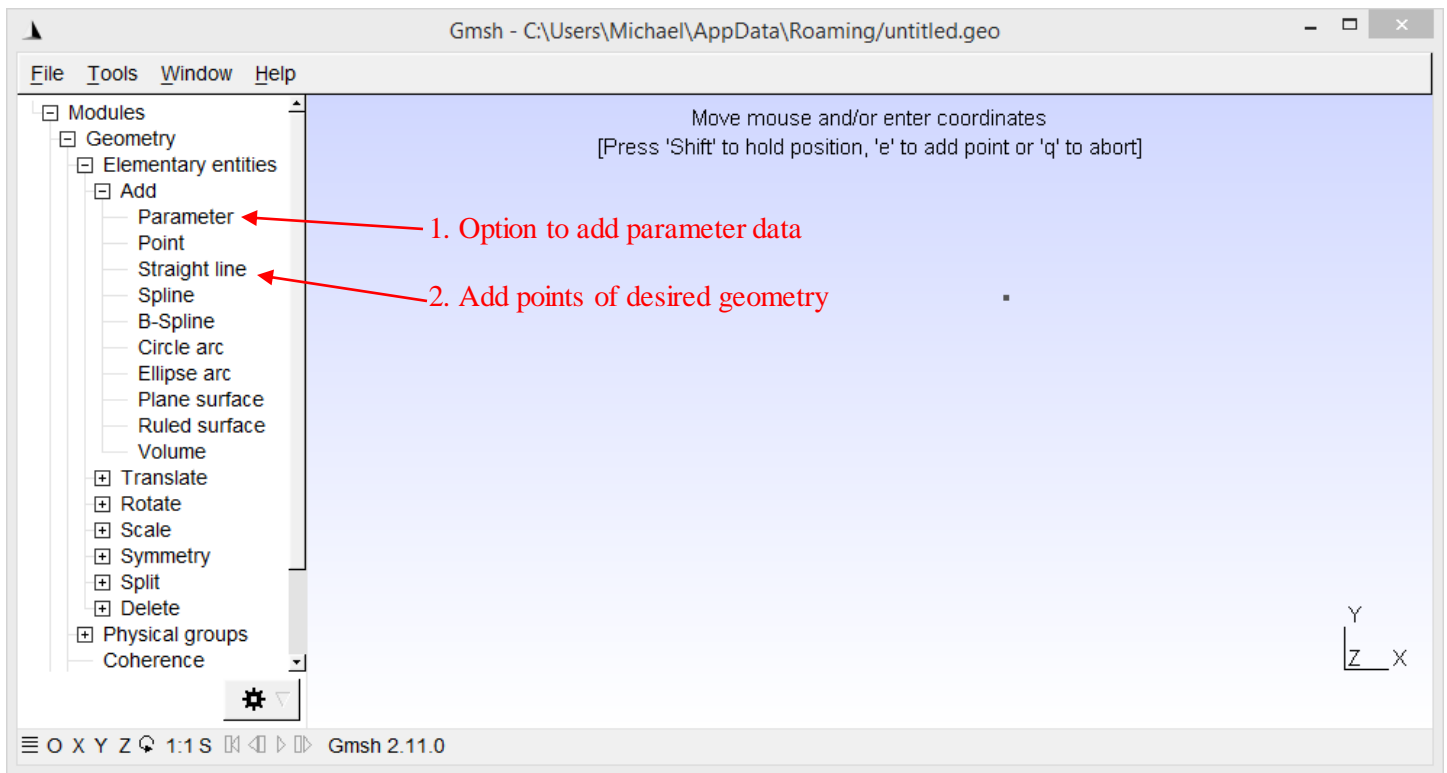
Step 1: Open GMSH program



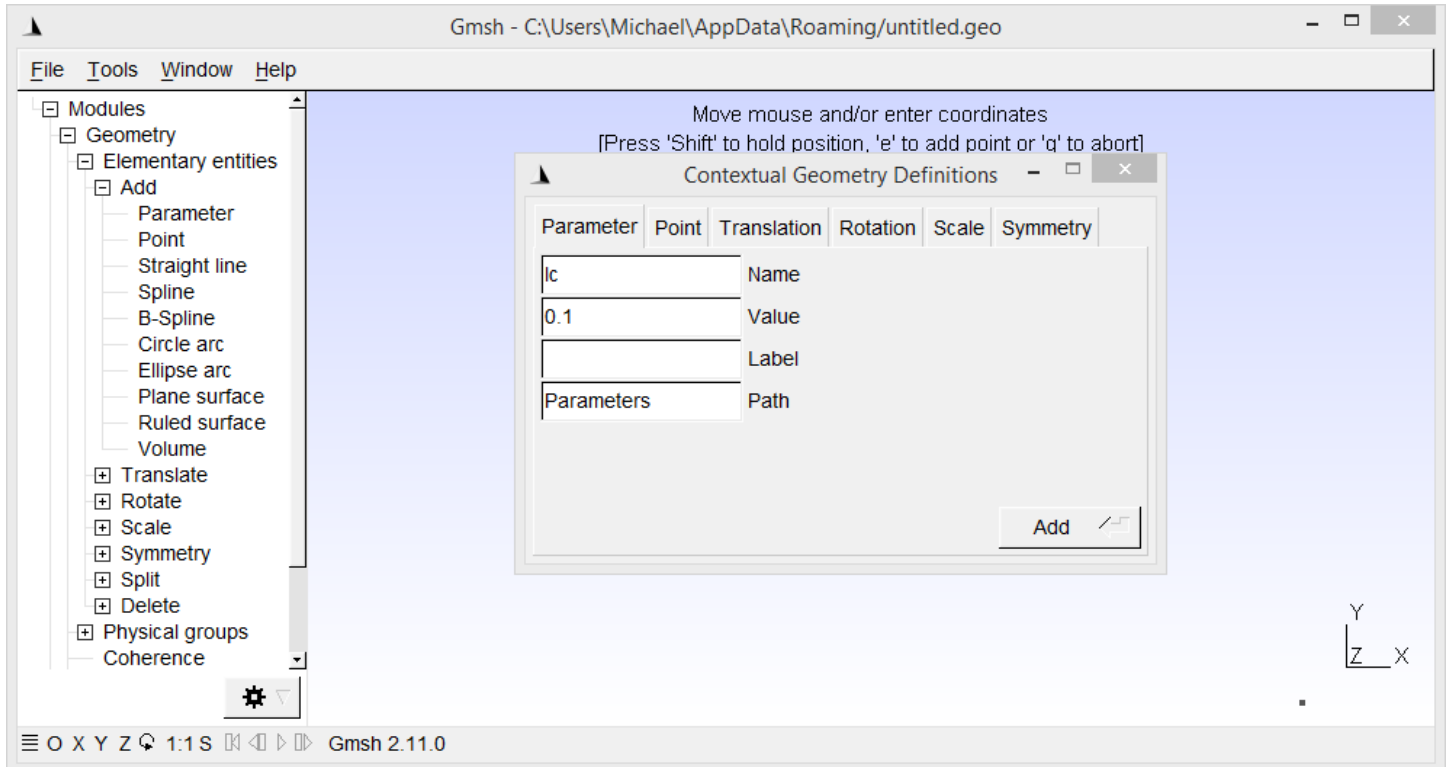
Step 2: gmsh program opened.



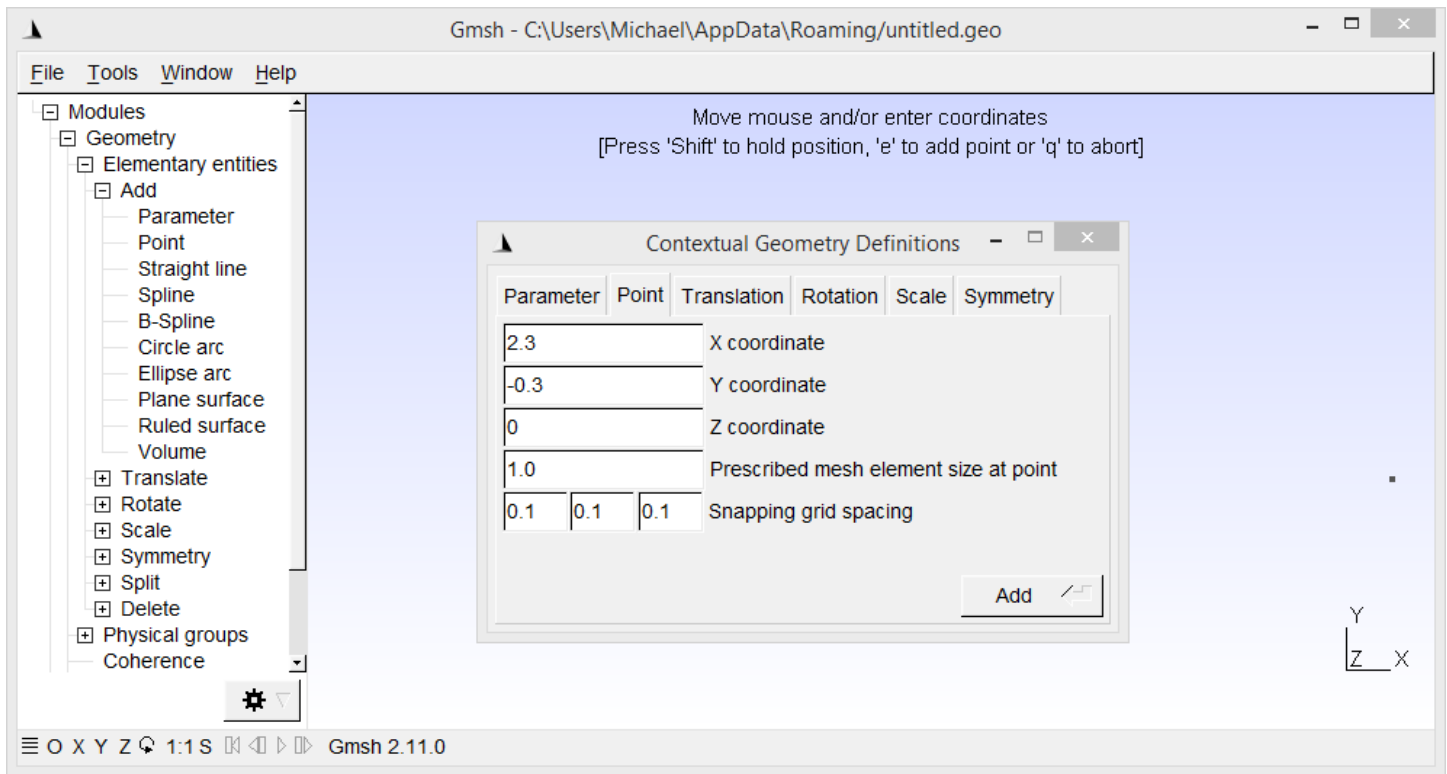
### Step 3: Expand the geometry menu bar



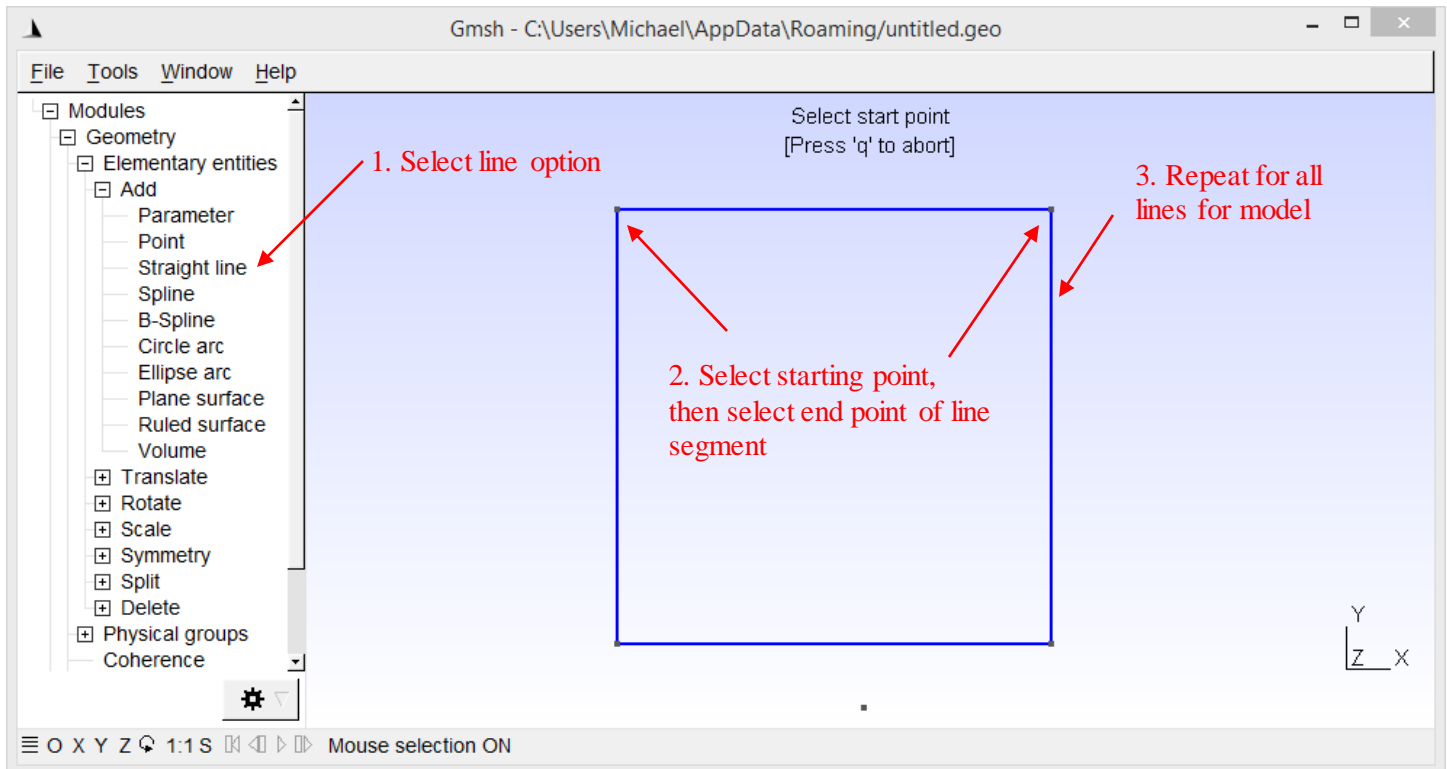
### Step 4: Opened parameter window



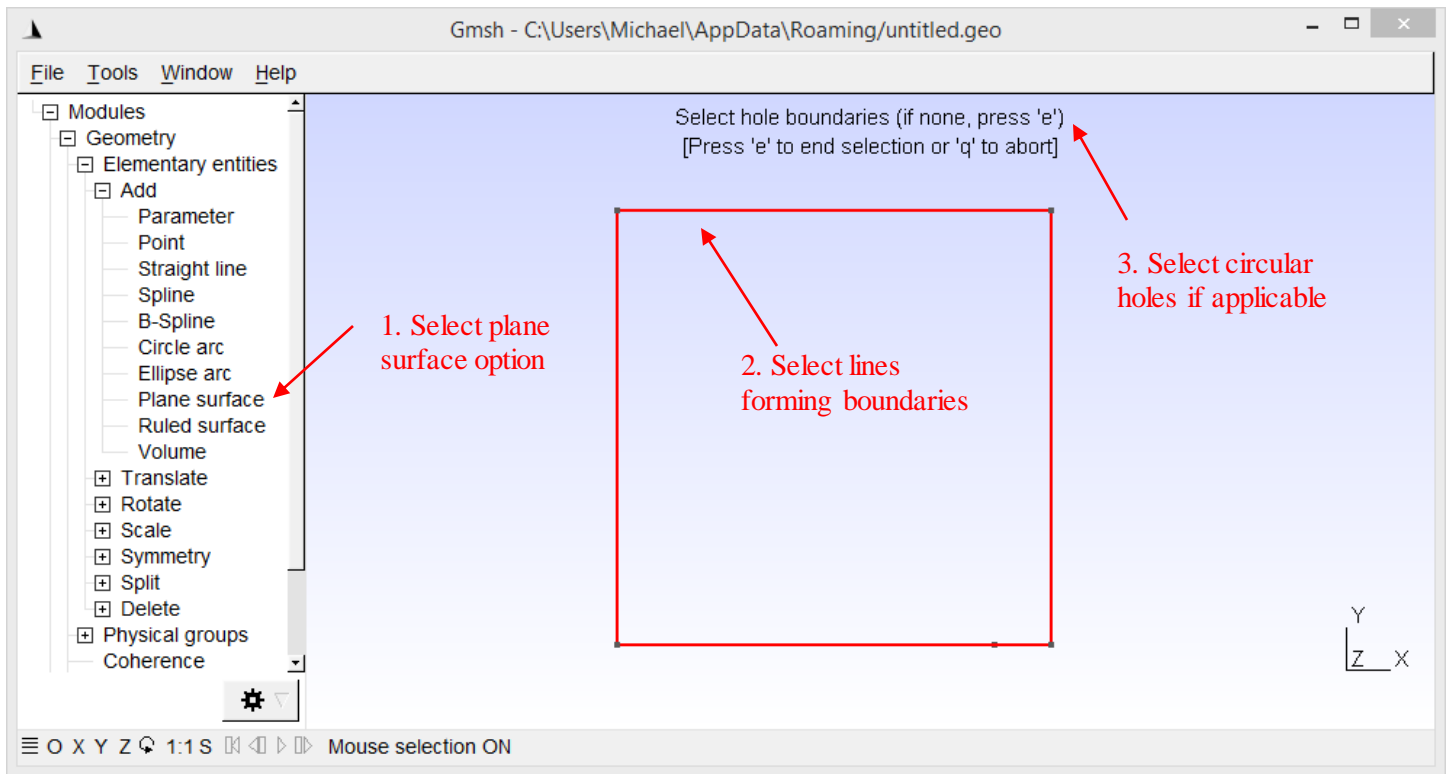
## Step 5: Entering point data



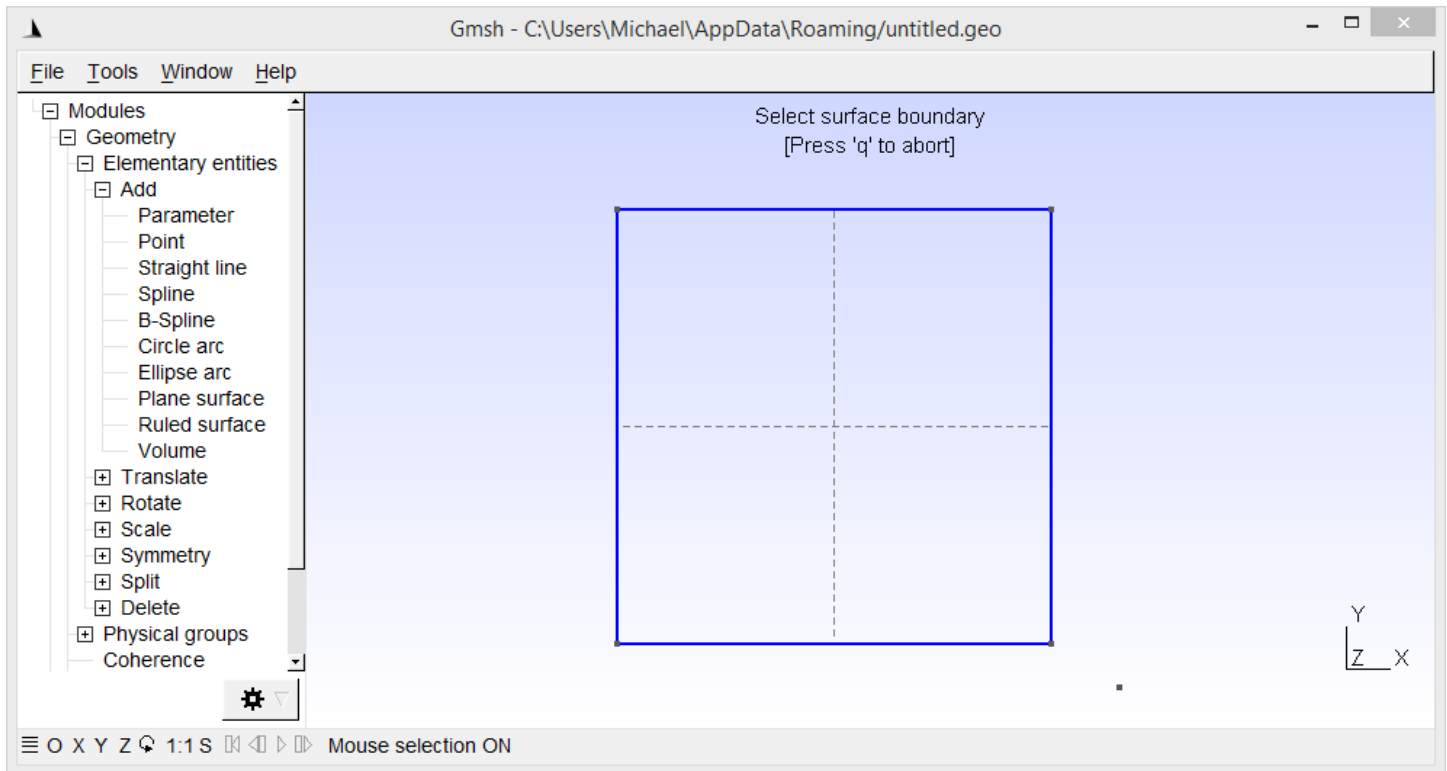
## Step 6: Connecting points to draw lines



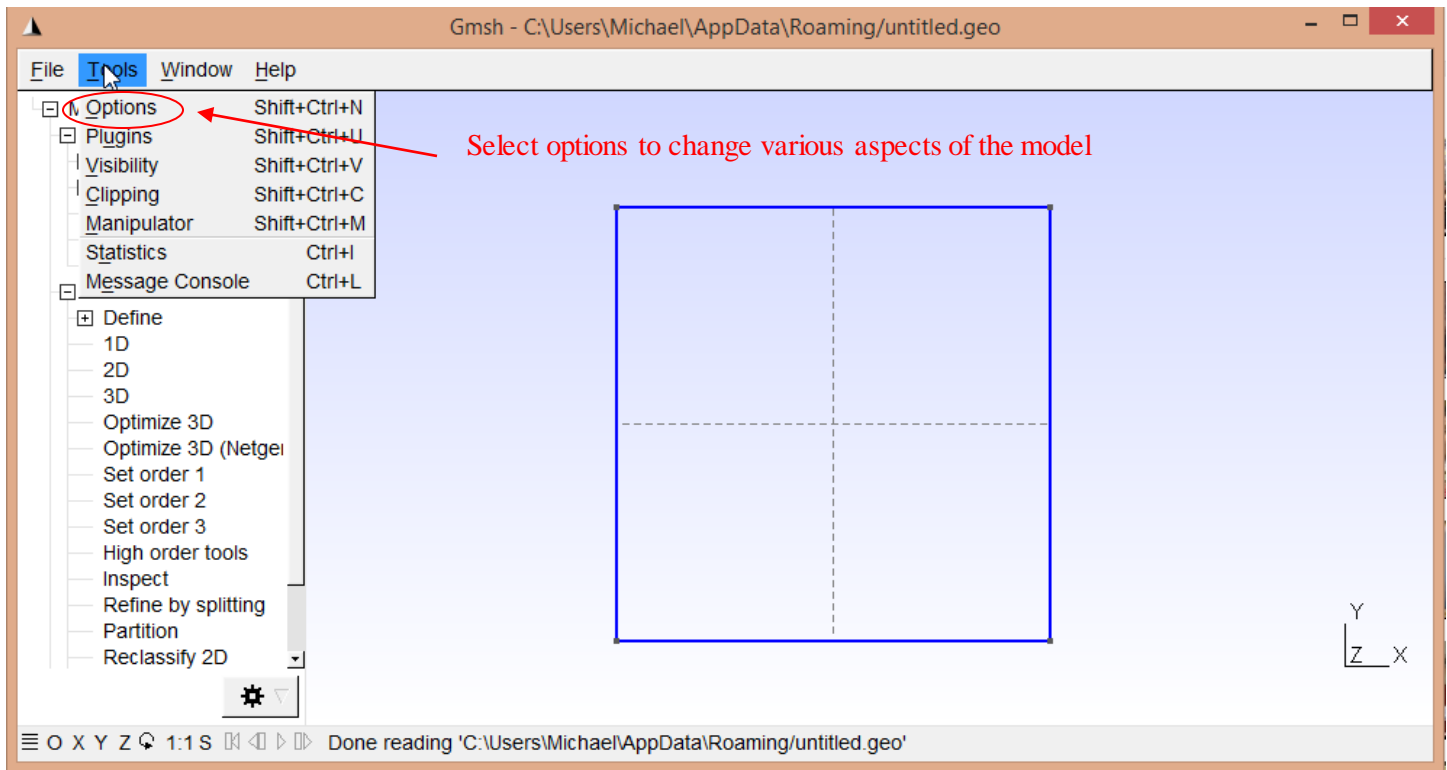
## Step 7: Adding plane surface



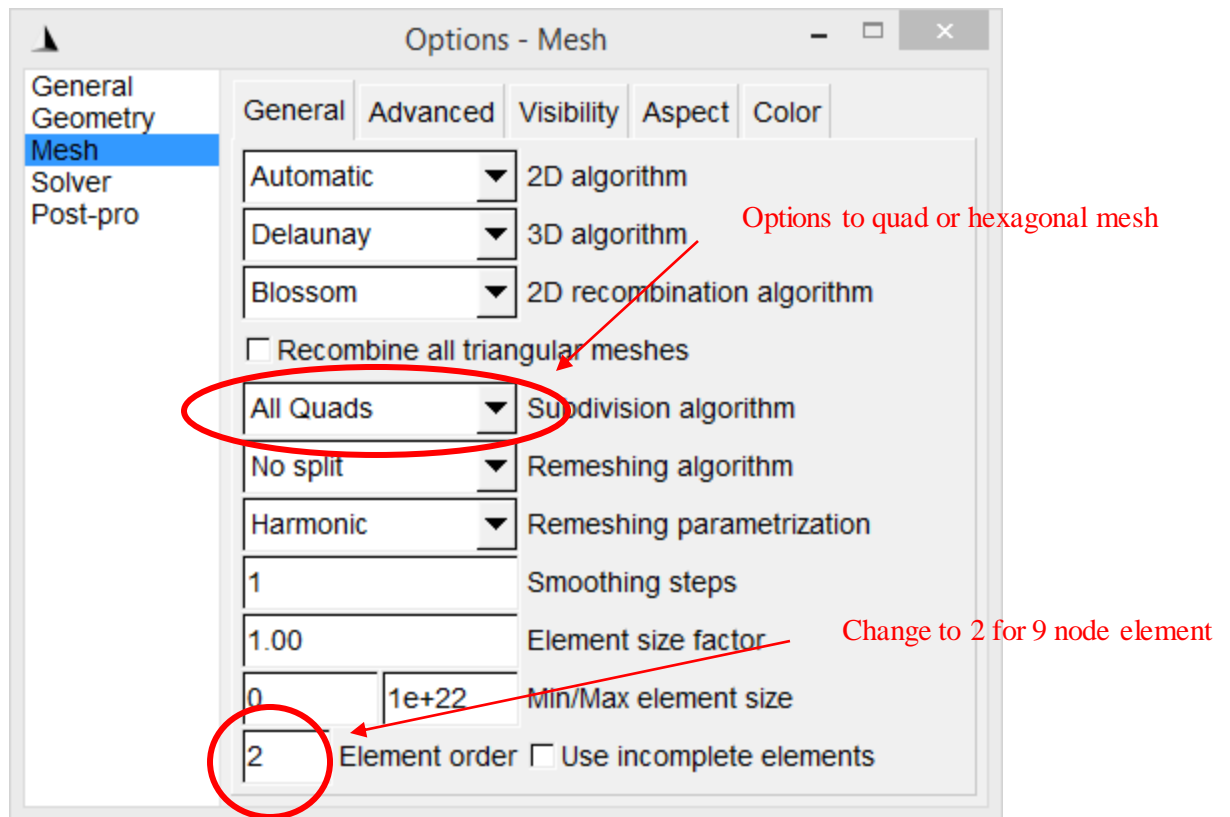
## Step 8: Window showing selected surface



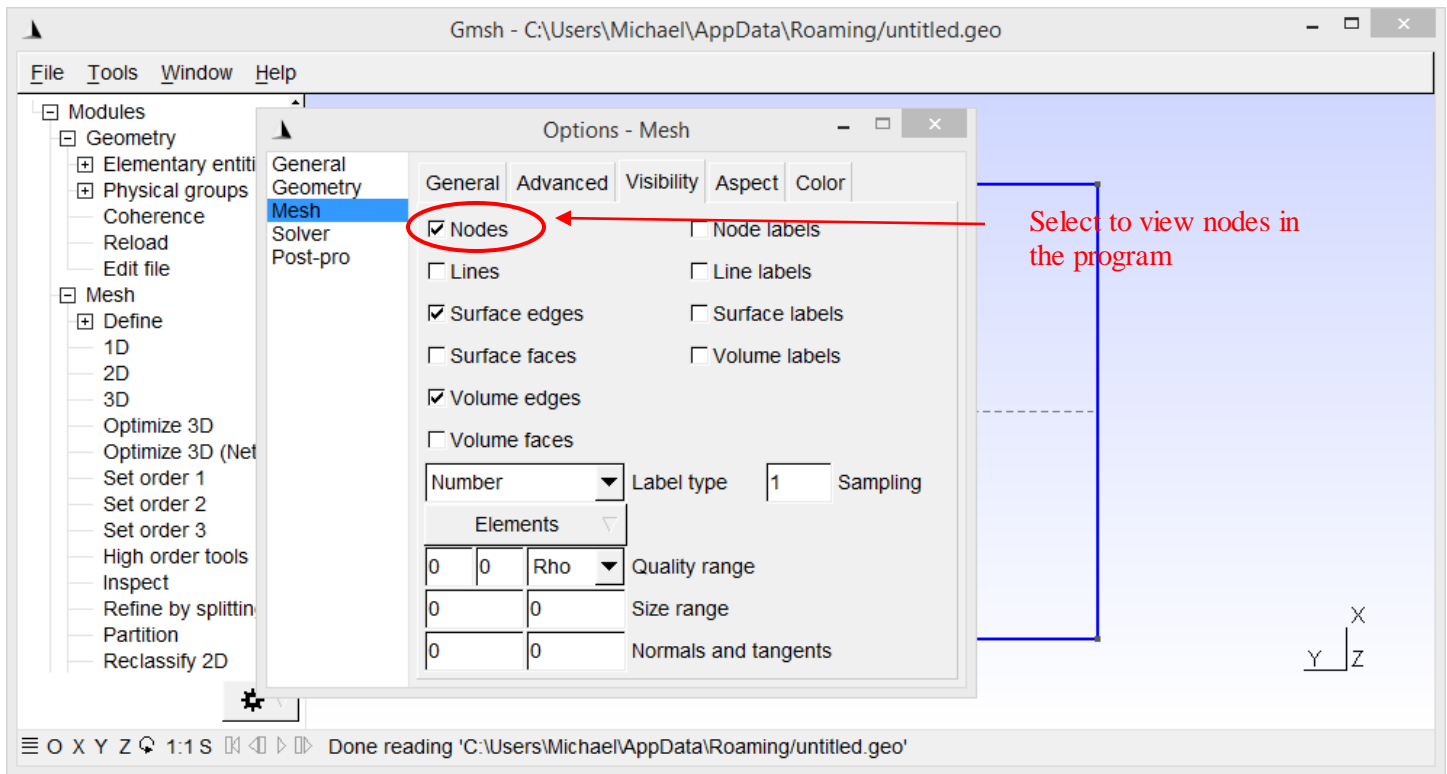
## Step 9: Selecting options screen



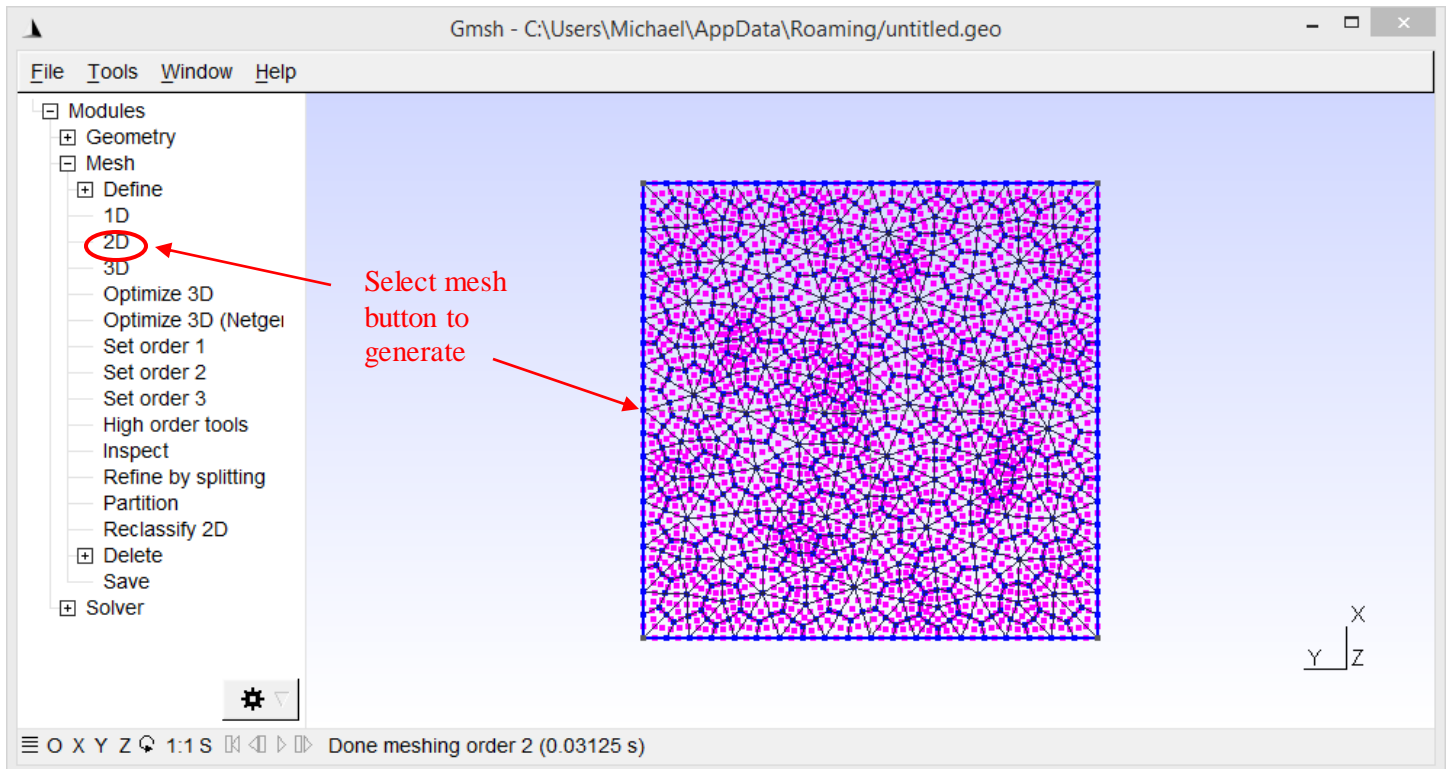
## Step 10: Options window pop-up



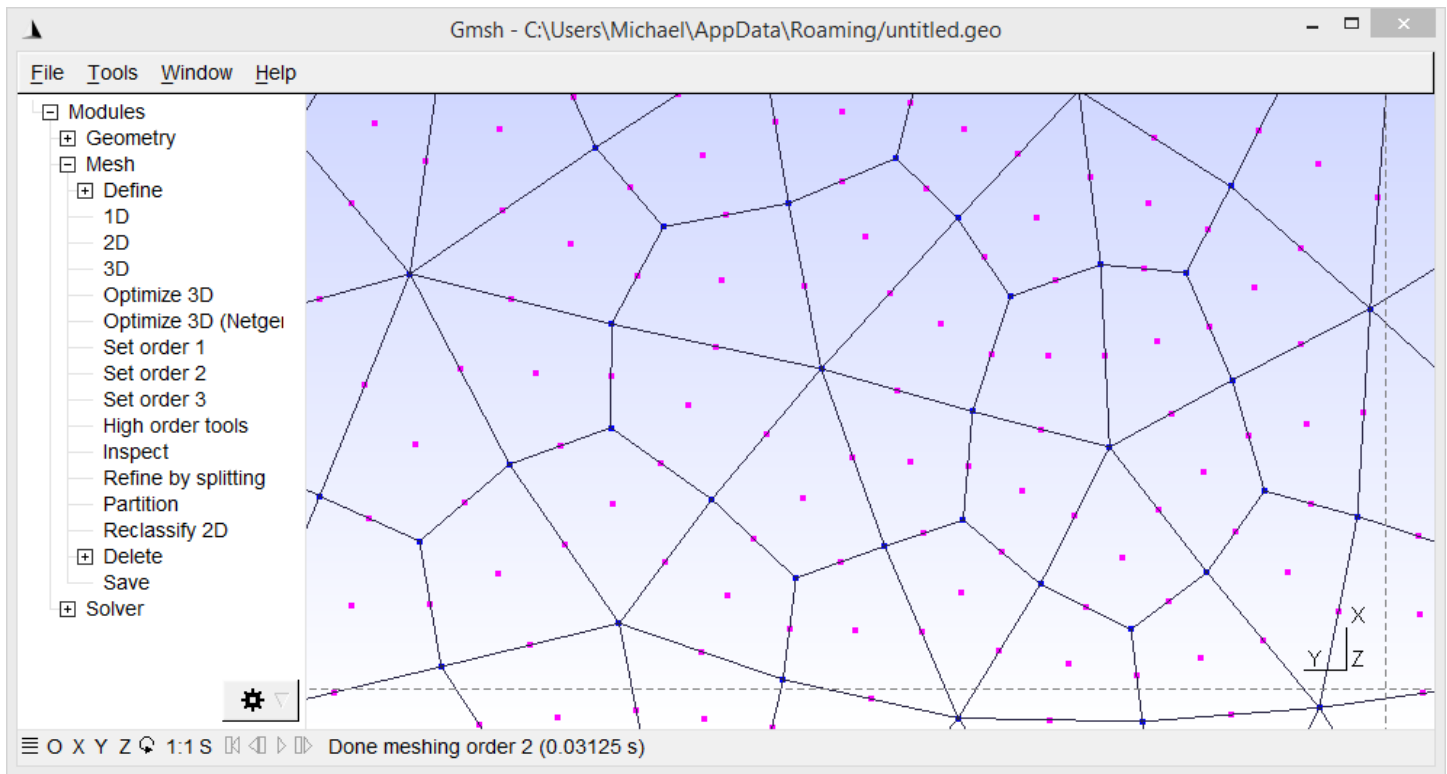
## Step 11: Adding node visibility



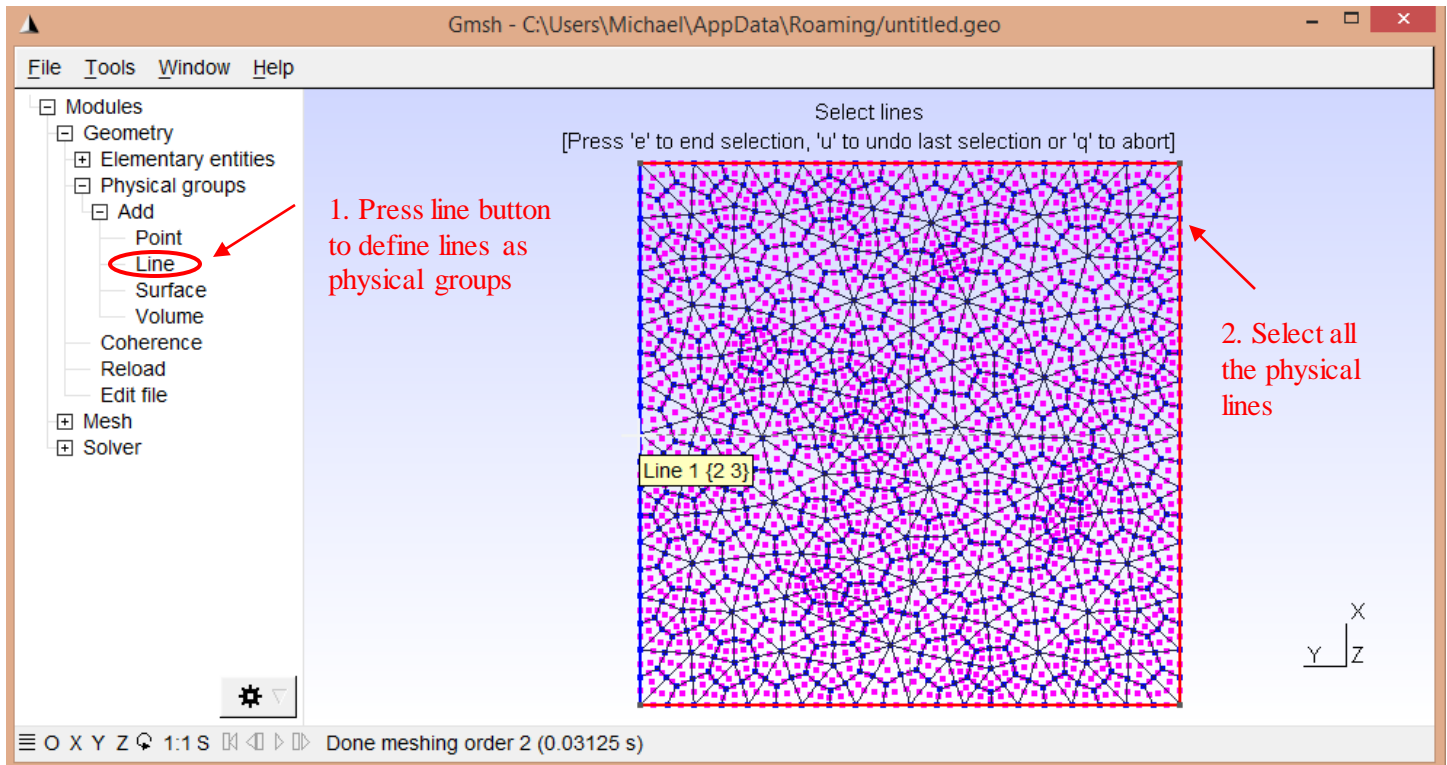
## Step 12: Generating mesh



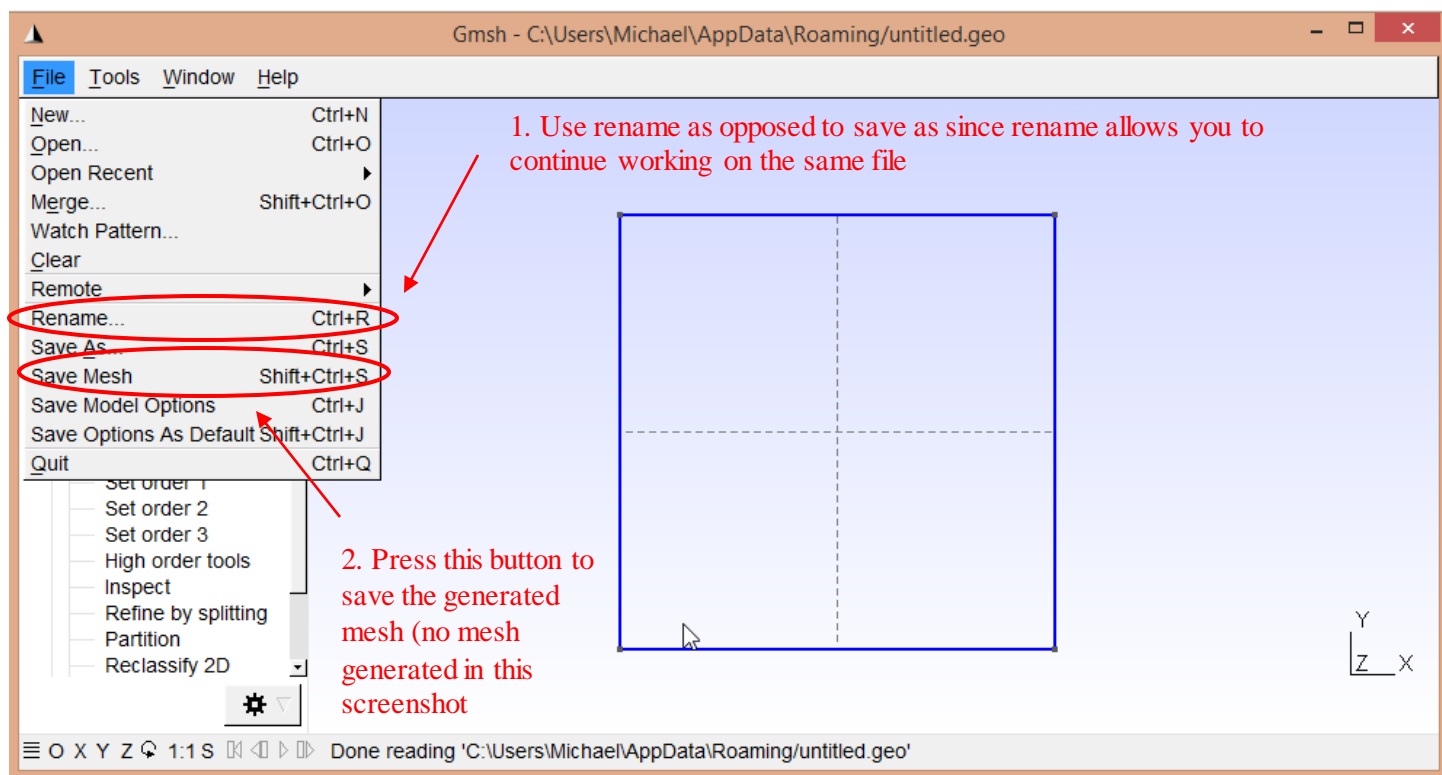
### Step 13: Zoomed in view of the mesh



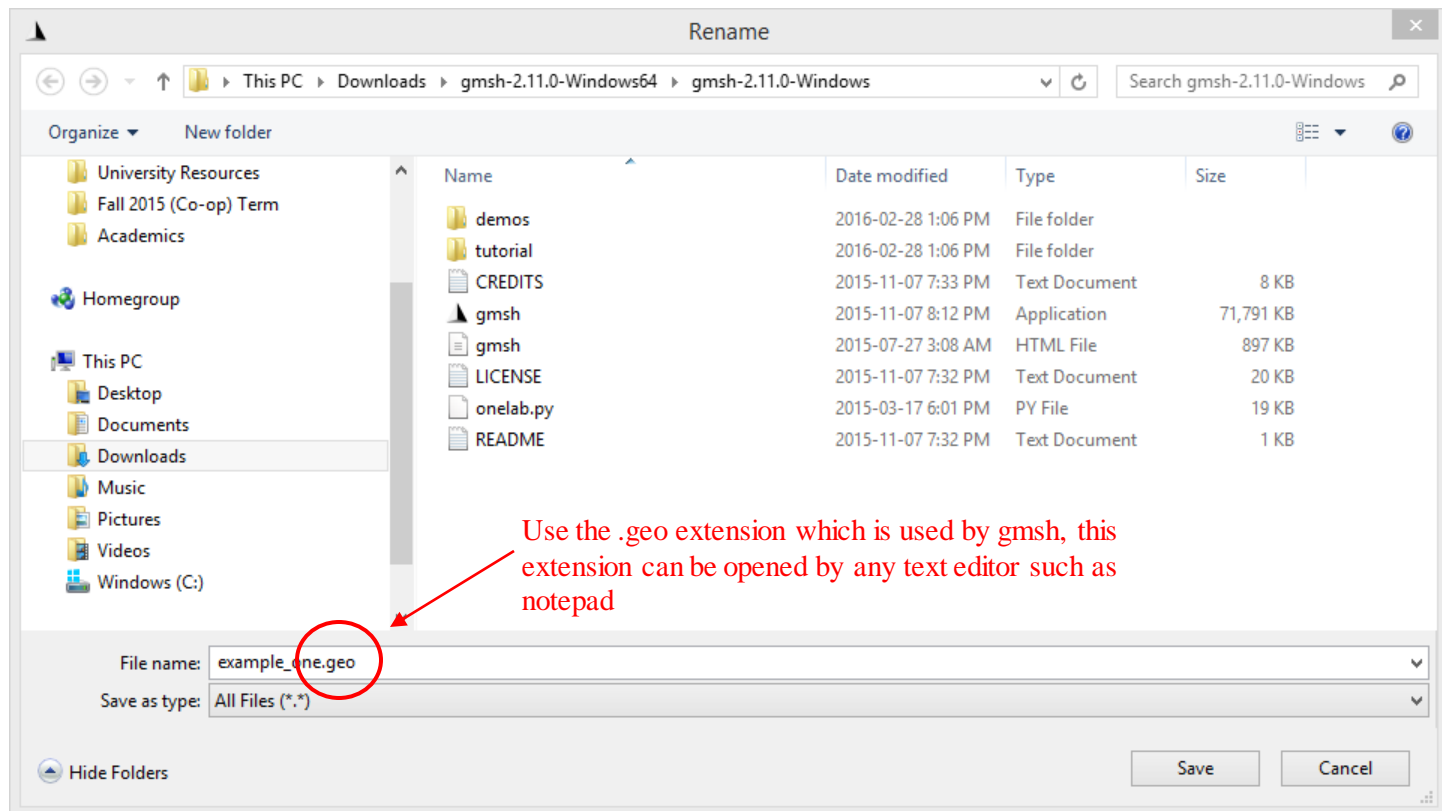
### Step 14: Selecting lines as physical group



## Step 15: Saving the file

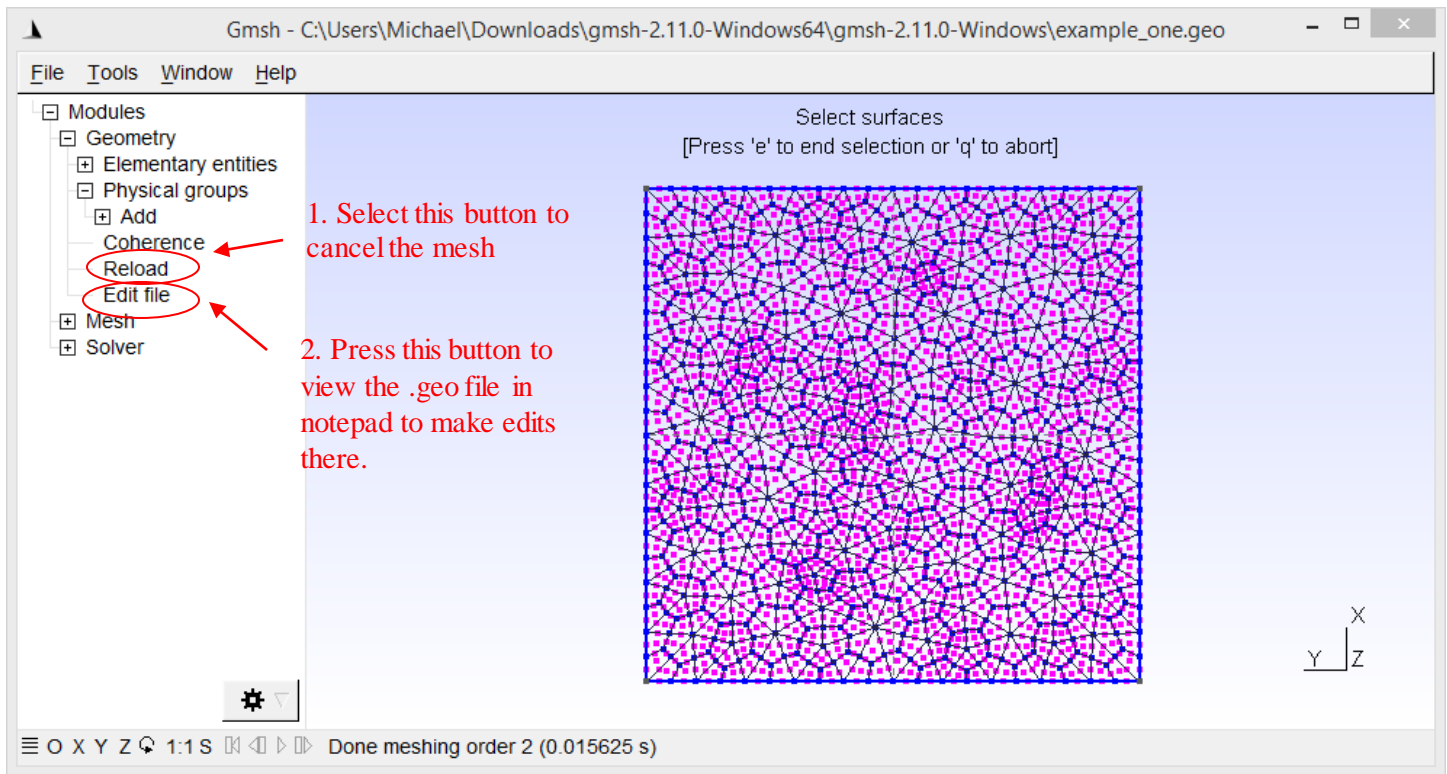


## Step 16: Renaming the file as a geo extension





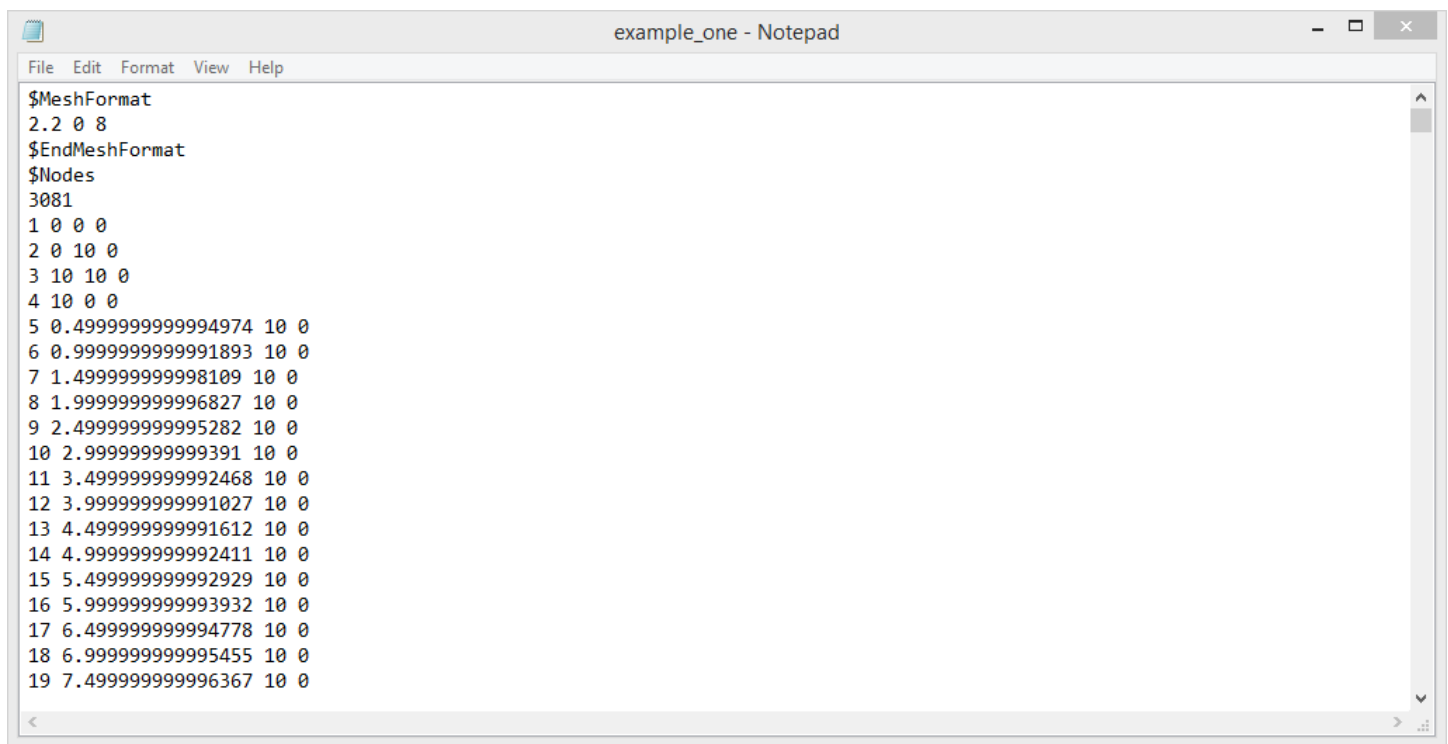
Step 17: Reloading file to cancel the mesh as well as opening the .geo file



Step 18: View of the .geo file in notepad



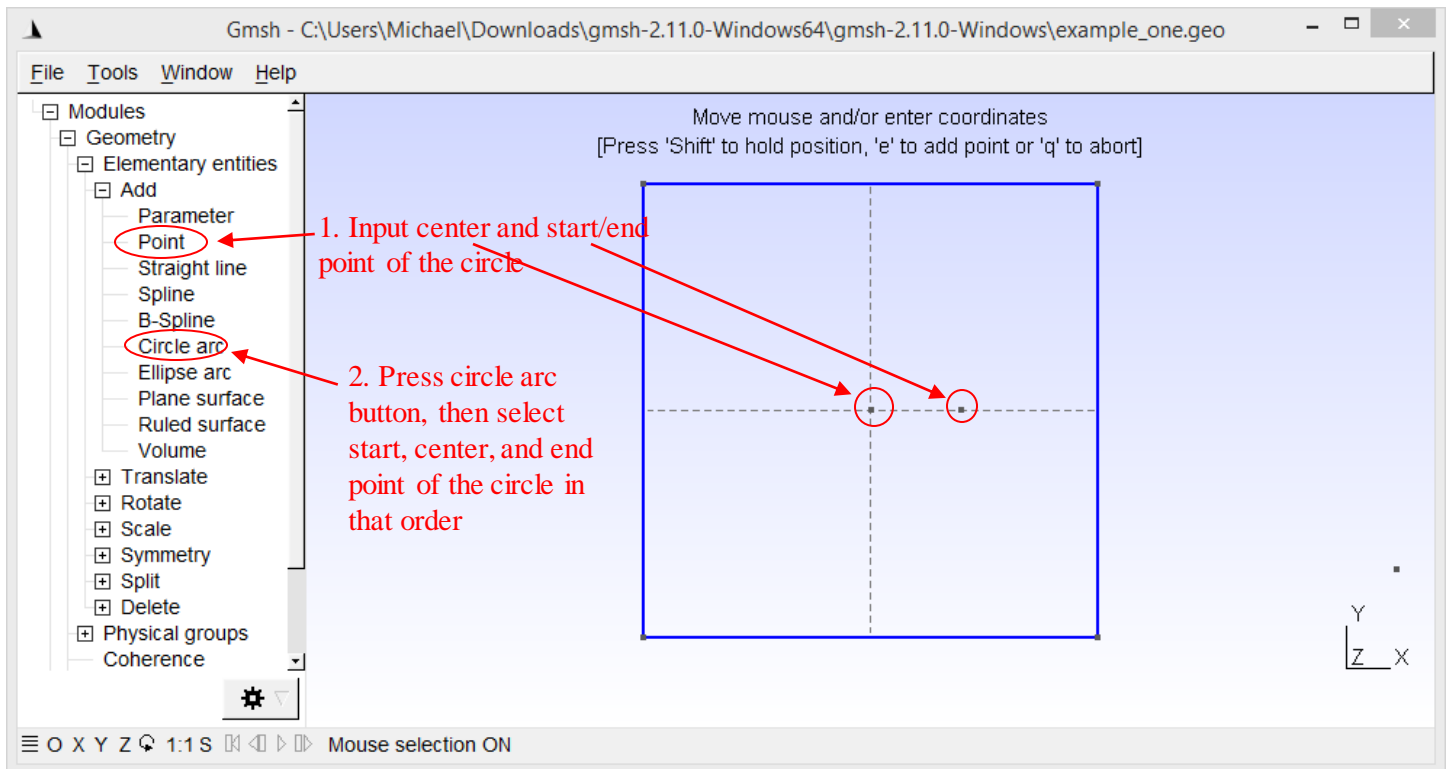
## Step 19: View of .msh (mesh) file in notepad



```
example_one - Notepad
File Edit Format View Help
$MeshFormat
2.2 0 8
$EndMeshFormat
$Nodes
3081
1 0 0 0
2 0 10 0
3 10 10 0
4 10 0 0
5 0.49999999999994974 10 0
6 0.99999999999991893 10 0
7 1.4999999999998109 10 0
8 1.9999999999996827 10 0
9 2.4999999999995282 10 0
10 2.999999999999391 10 0
11 3.4999999999992468 10 0
12 3.9999999999991027 10 0
13 4.4999999999991612 10 0
14 4.9999999999992411 10 0
15 5.4999999999992929 10 0
16 5.9999999999993932 10 0
17 6.4999999999994778 10 0
18 6.9999999999995455 10 0
19 7.4999999999996367 10 0
```

## Creating Circles in GMSH

Step 1: Enter center and start/end points of circle, select circle arc, starting point, center, end point to create circle



Step 2: Circle output

