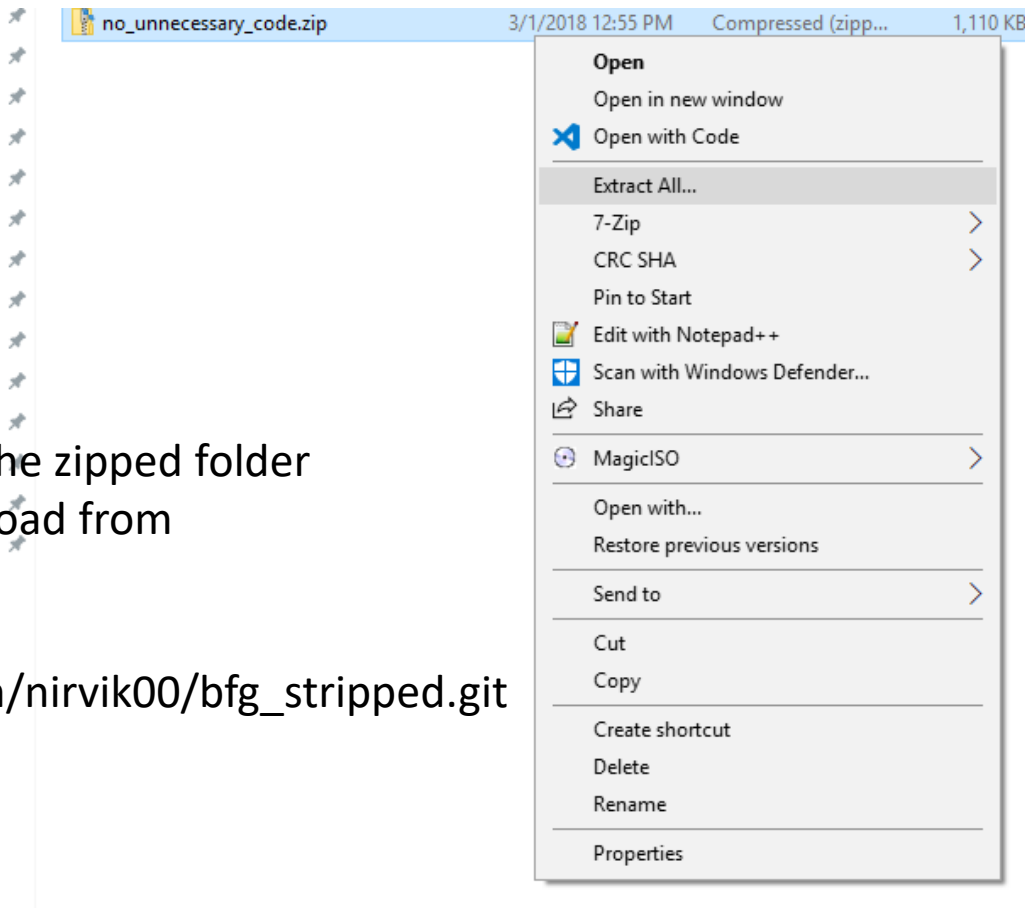


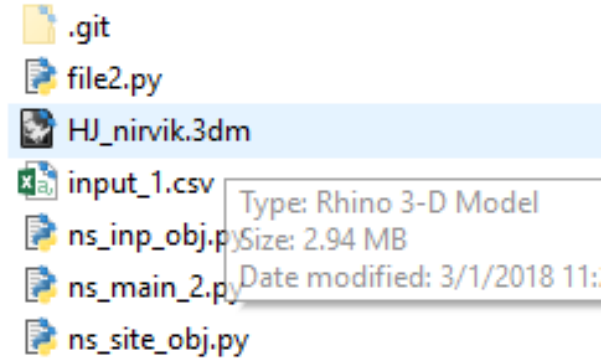


no_unnecessary_code.zip

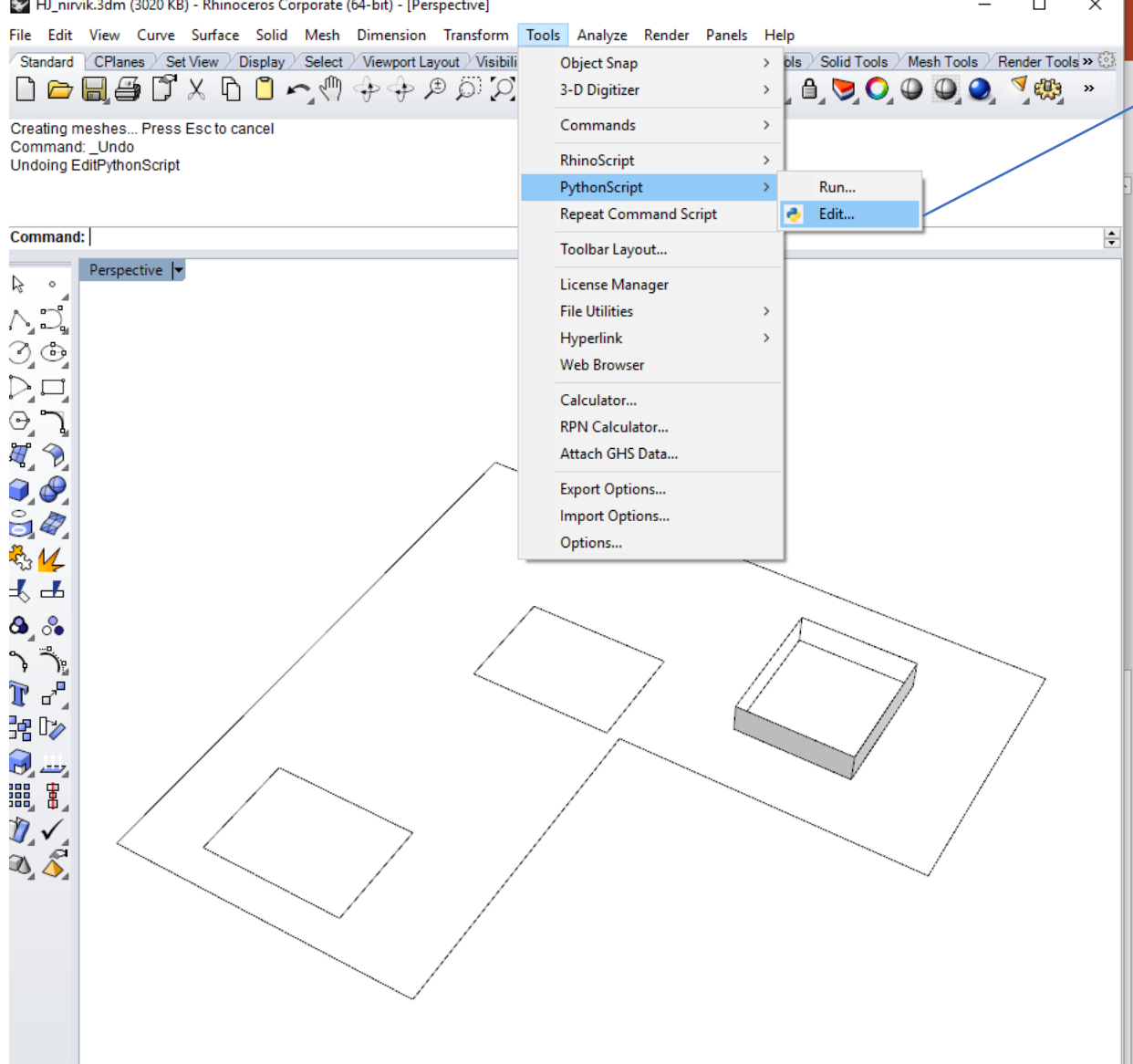


Extract files from the zipped folder
Provided or download from

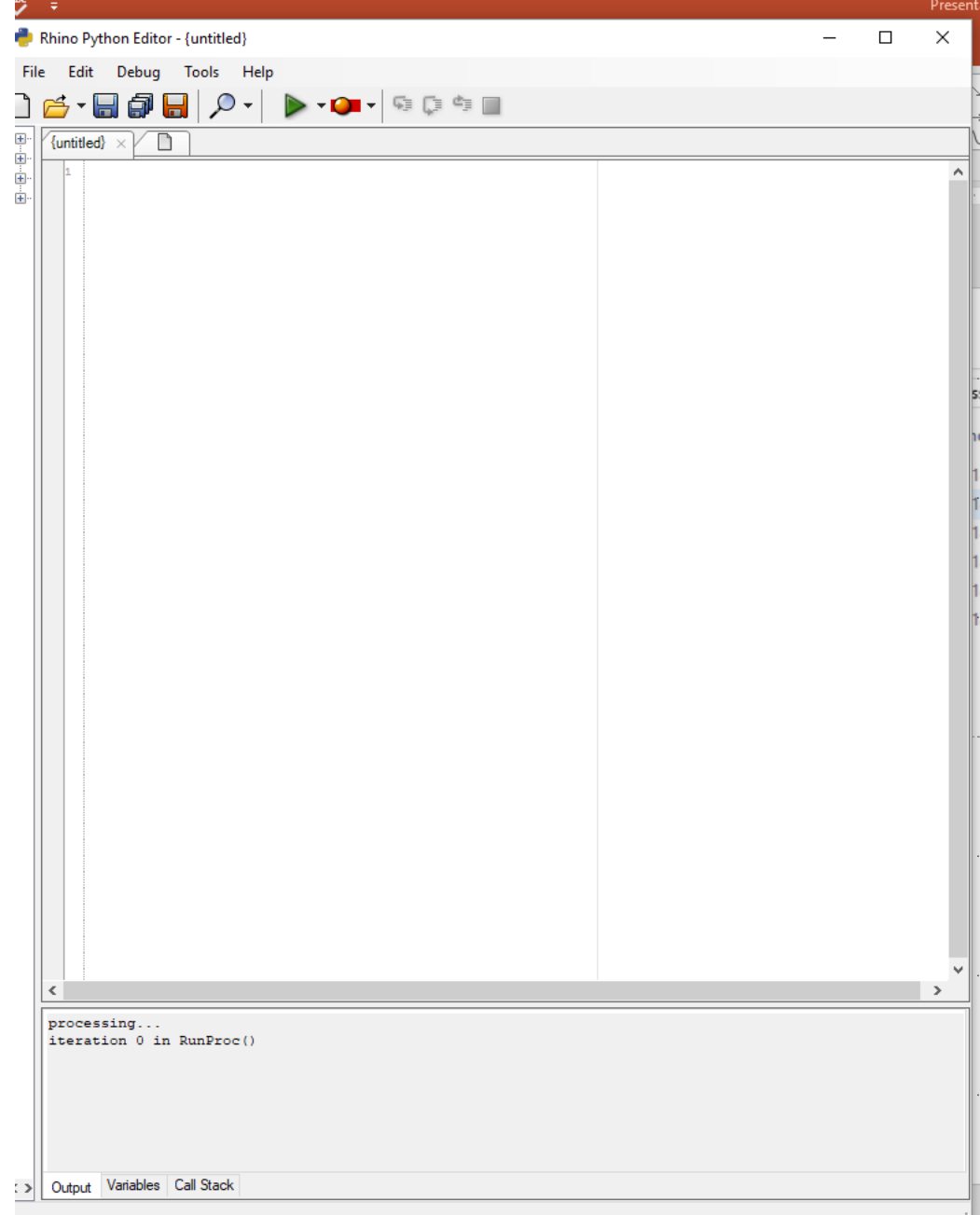
https://github.com/nirvik00/bfg_stripped.git

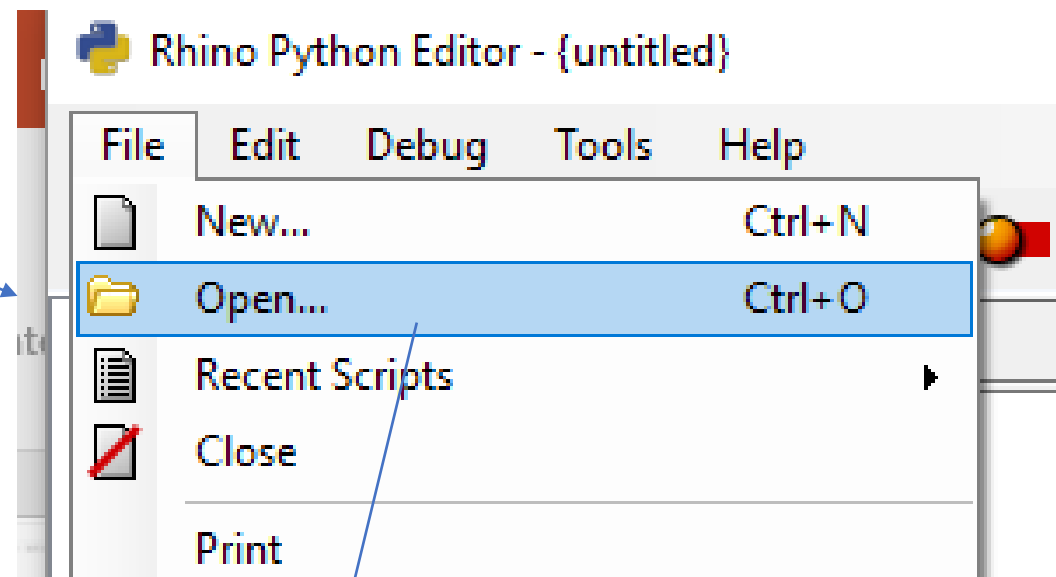
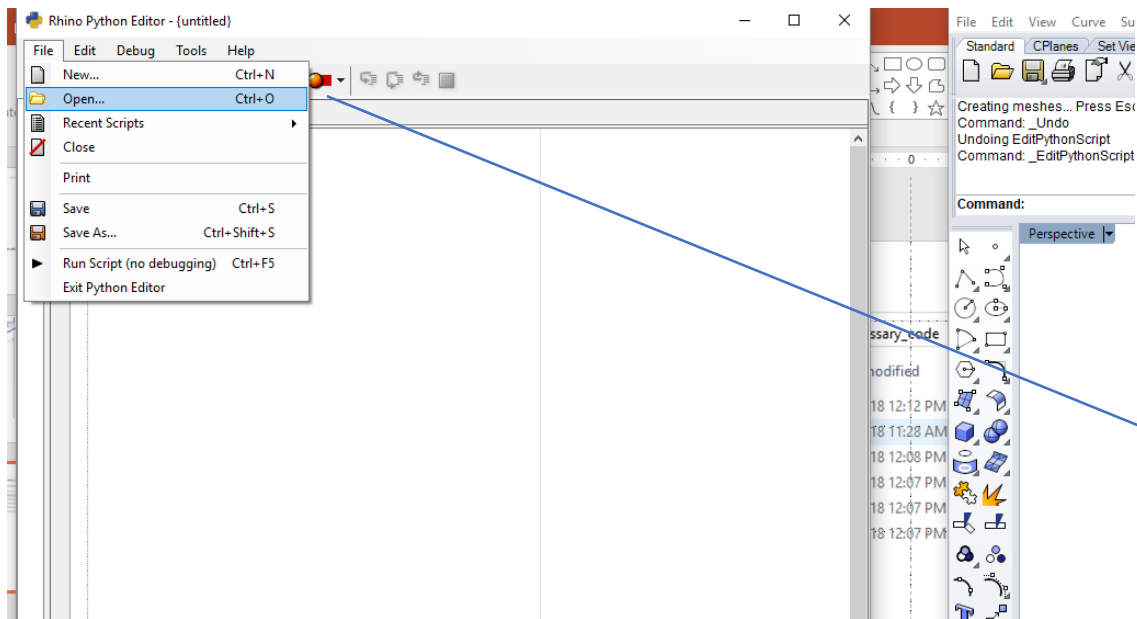


Open Rhino model in folder
(provided)

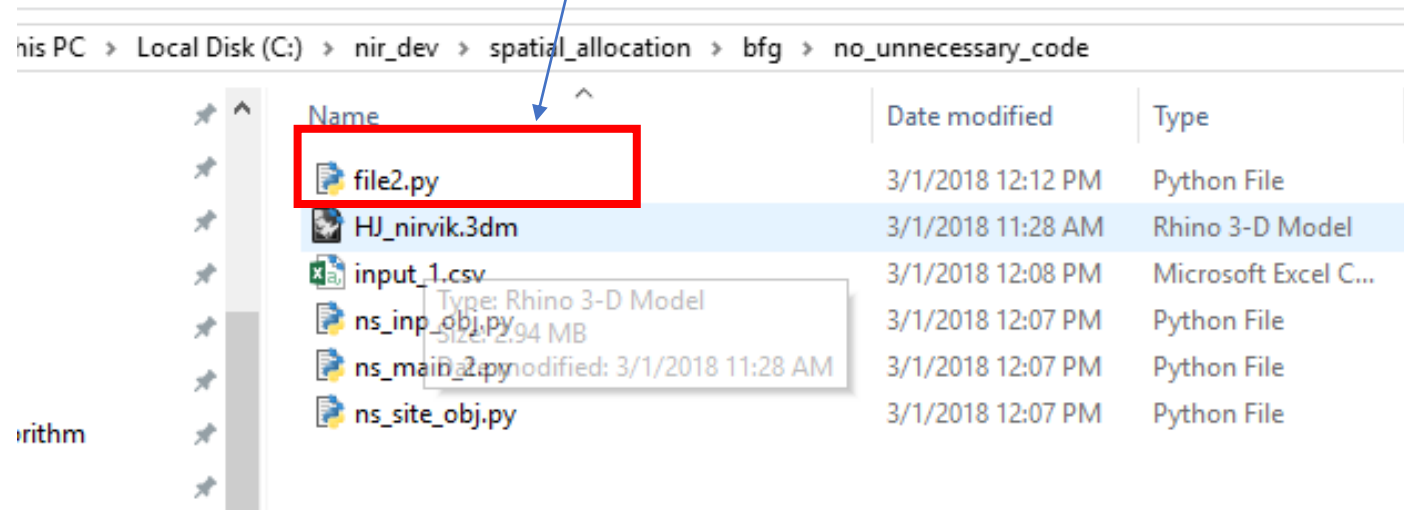


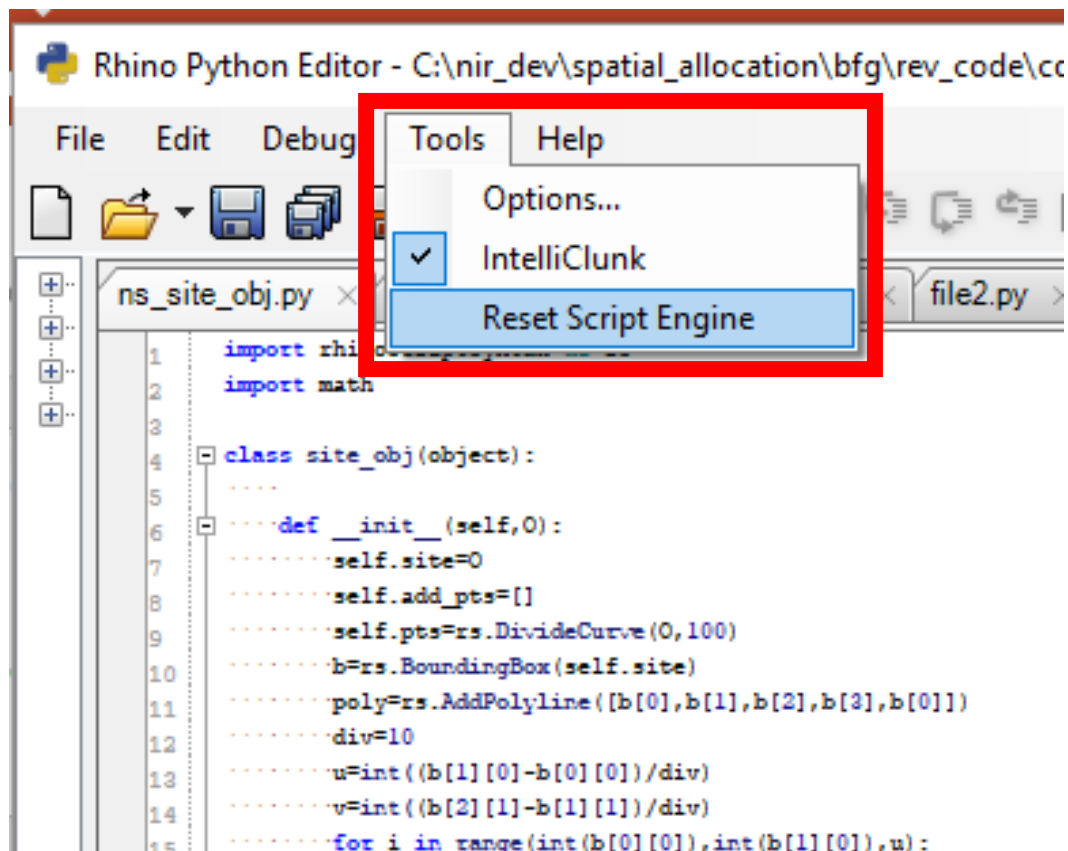
Open RhinoPythonScript Editor



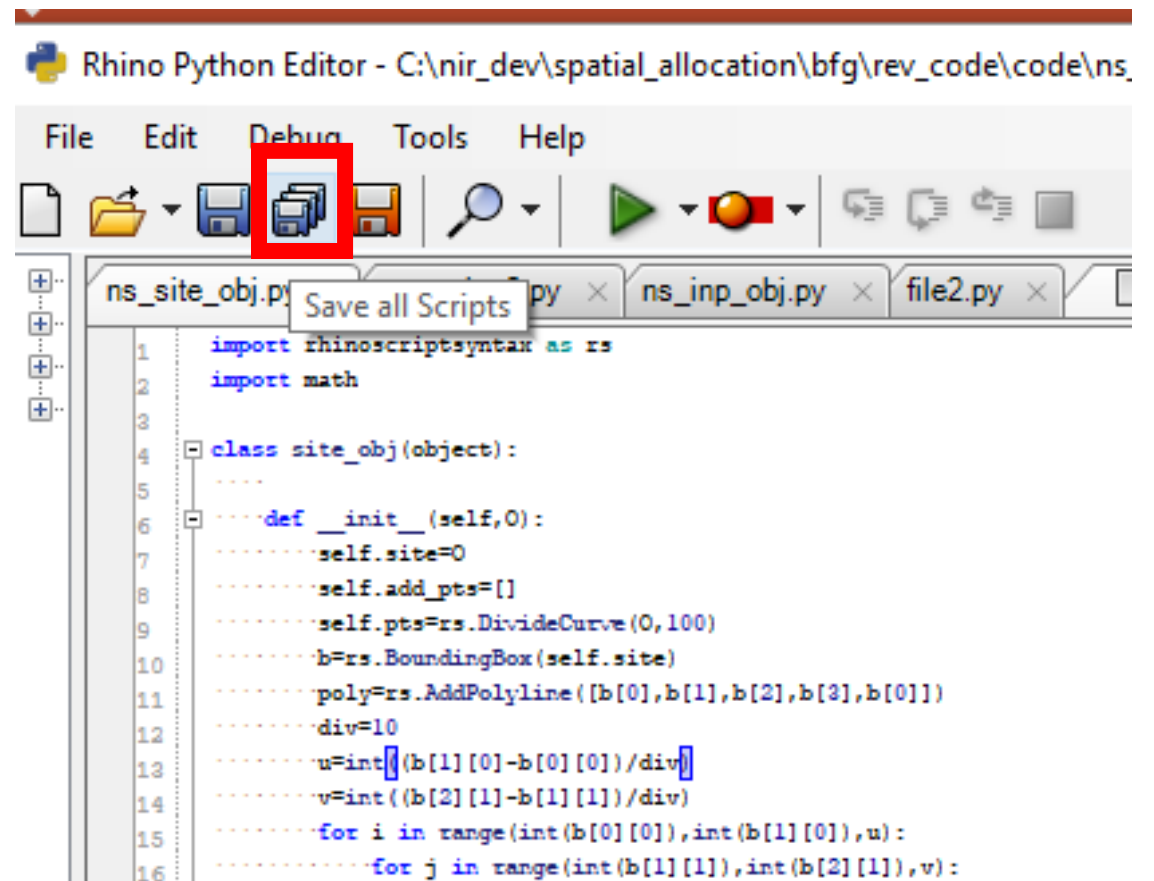


Open all 4 .py files from
RhinoPythonEditor



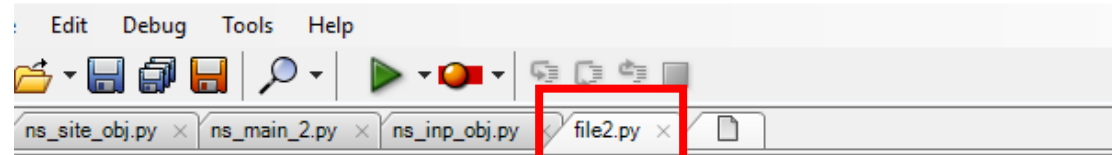


From Tools in RhinoPythonEditor :
Reset Script Engine



From tools in RhinoPythonEditor :
Save All Scripts

Rhino Python Editor - C:\nir_dev\spatial_allocation\bfg\rev_code\code\file2.py

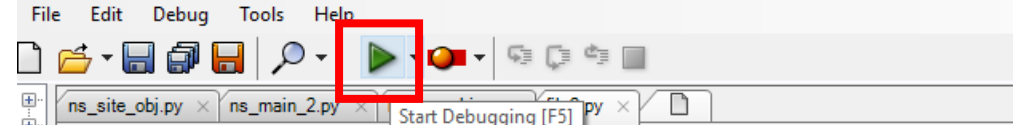


The screenshot shows the Rhino Python Editor window. The title bar reads "Rhino Python Editor - C:\nir_dev\spatial_allocation\bfg\rev_code\code\file2.py". The menu bar includes "Edit", "Debug", "Tools", and "Help". The toolbar contains icons for file operations and execution. The tab bar at the bottom shows four open files: "ns_site_obj.py", "ns_main_2.py", "ns_inp_obj.py", and "file2.py". The "file2.py" tab is highlighted with a red rectangle. The code editor displays the following Python code:

```
1 import rhinoscriptsyntax as rs
2 import random
3 import math
4 import os
5 from time import time
6 from ns_inp_obj import inp_obj as inp_obj
7 from ns_main_2 import main as main
8 from ns_site_obj import site_obj as site_obj
9
10 class RunProc(object):
11     def __init__(self):
12         rs.AddLayer("garbage", visible=False)
13         self.max=500
14         self.fsr=0
15         self.loc_pts=[]
16         self.res_obj=[]
17         self.del_srf_ite=[]
18         self.del_flr_plate_ite=[]
19         self.num_copies=1
20         self.site_crv=rs.GetObject('pick site boundary')
21         self.neg_site_crv=rs.GetObjects('pick negative boundary')
22         self.ht_constraints=rs.GetObjects('pick height constraints')
23         self.site_copy=[]
24         self.req_srfobj_li=[]
```

Ensure file2.py is selected

Rhino Python Editor - C:\nir_dev\spatial_allocation\bfg\rev_code\code\file2.py

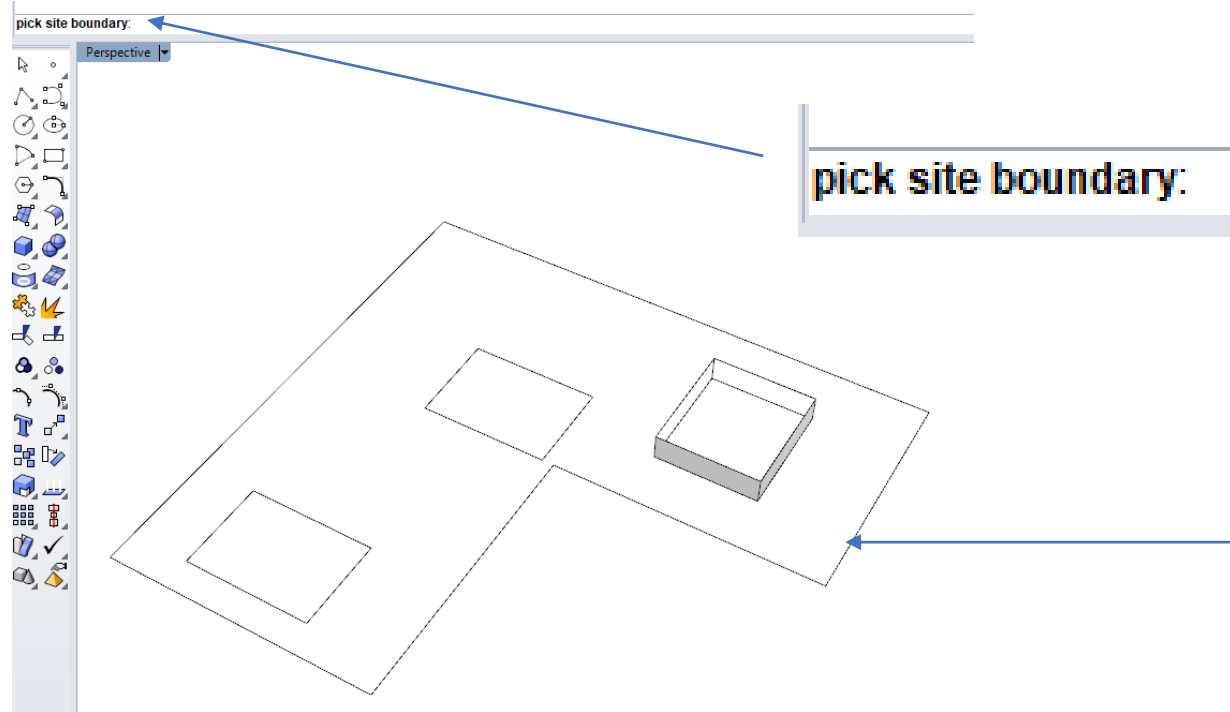


The screenshot shows the Rhino Python Editor window with the same code as the previous image. The title bar and menu bar are identical. The tab bar shows the same four files. The toolbar's "Run" button, represented by a green play icon, is highlighted with a red rectangle. A tooltip "Start Debugging [F5]" is visible over the button. The code editor displays the following Python code:

```
1 import rhinoscriptsyntax as rs
2 import random
3 import math
4 import os
5 from time import time
6 from ns_inp_obj import inp_obj as inp_obj
7 from ns_main_2 import main as main
8 from ns_site_obj import site_obj as site_obj
9
10 class RunProc(object):
11     def __init__(self):
12         rs.AddLayer("garbage", visible=False)
13         self.max=500
14         self.fsr=0
15         self.loc_pts=[]
16         self.res_obj=[]
17         self.del_srf_ite=[]
18         self.del_flr_plate_ite=[]
19         self.num_copies=1
20         self.site_crv=rs.GetObject('pick site boundary')
21         self.neg_site_crv=rs.GetObjects('pick negative boundary')
22         self.ht_constraints=rs.GetObjects('pick height constraints')
23         self.site_copy=[]
24         self.req_srfobj_li=[]
```

Run the code

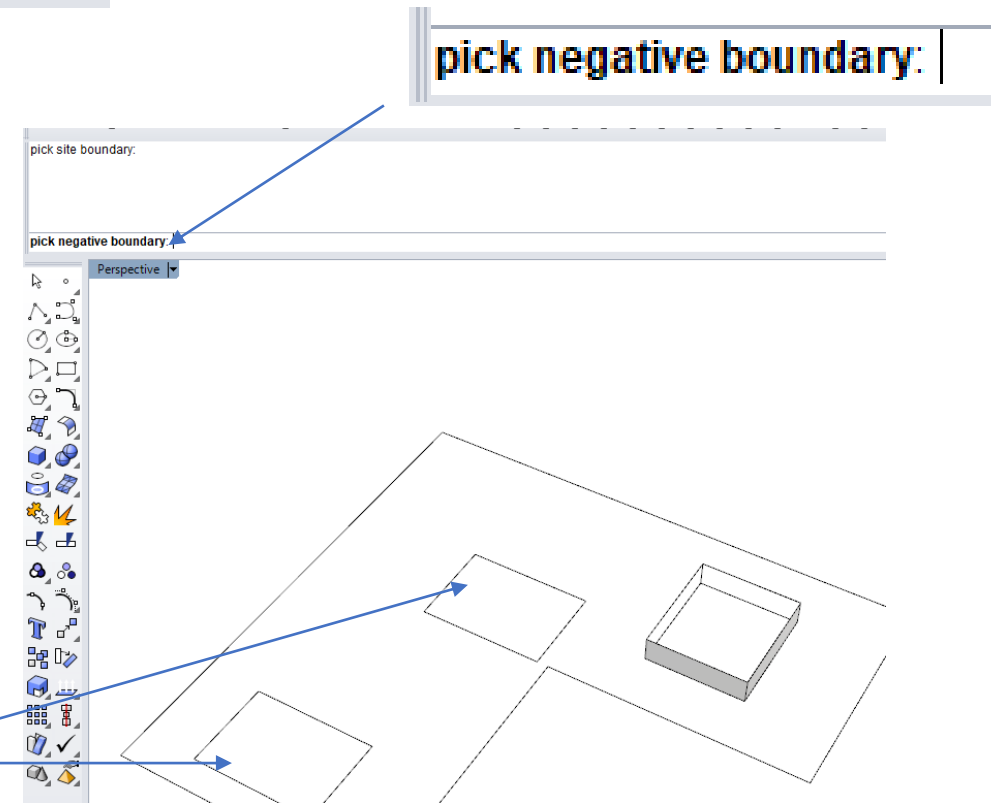
The RhinoScriptEngine will minimize and the Rhino UI will be focused. Notice the command line



Step 1

Step 2

Select these



pick site boundary:
pick negative boundary:
pick negative boundary. Press Enter when done:
pick negative boundary. Press Enter when done:

pick height constraints:

Perspective

Step 3

pick height constraints:

Select this

cal Disk (C:) > nir_dev > spatial_allocation > bfg > no_unnecessary_code

Name	Date modified	Type	Size
file2.py	3/1/2018 12:51 PM	Python File	7 KB
HJ_nirvik.3dm	3/1/2018 11:28 AM	Rhino 3-D Model	3,020 KB
input_1.csv	3/1/2018 12:08 PM	Microsoft Excel C...	1 KB
ns_inp_obj.py			
ns_main_2.py			
ns_site_obj.py			
output1519926719.17.csv			

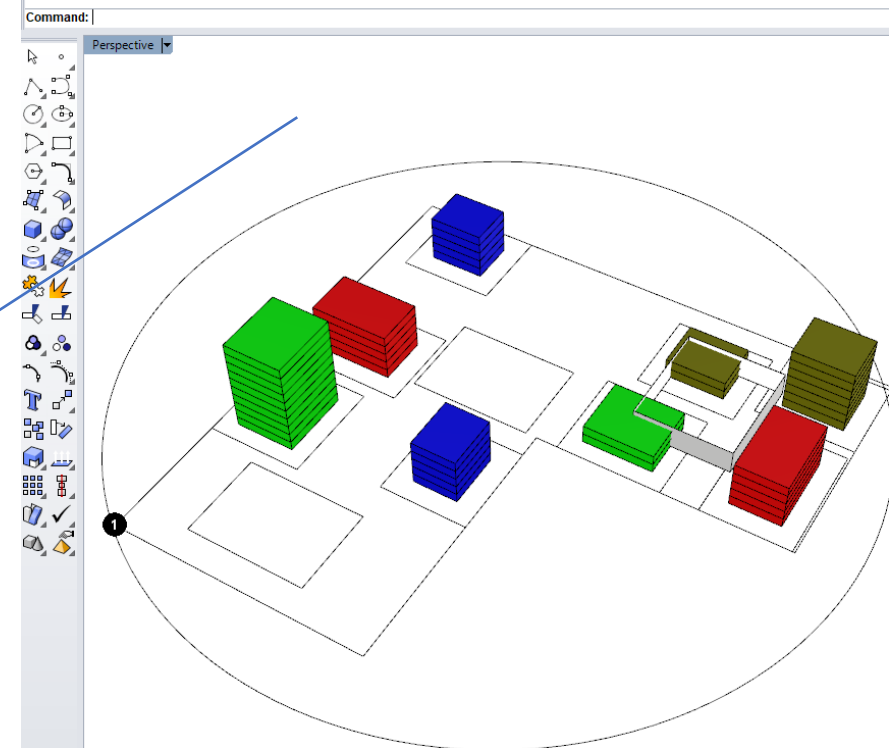


output1519926719.17.csv

Step 4 : enter variations : press enter / right click

Step 5 : enter directory press enter / right click

Output is generated
(same folder as the file2.py)



Thank you