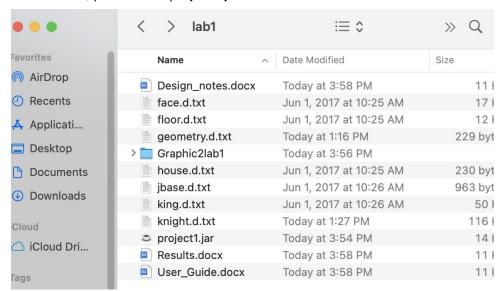
User Guide

1. Fist of all, put the file "project1.jar" and ".d.txt" in the same folder.



Open the Terminal and cd to the folder path.



Use "java -jar project1.jar" to open the panel. (Double click the jar file will not work)

```
📄 lab1 — java -jar project1.jar — 80×24
                                                                                     В
Last login: Thu Feb 10 15:55:32 on ttys000
[qiaodanzhao@Qiaodans-MacBook-Air ~ % cd Desktop
qiaodanzhao@Qiaodans-MacBook-Air Desktop % cd Graphic2project
[qiaodanzhao@Qiaodans-MacBook-Air Graphic2project % ls
qiaodanzhao@Qiaodans-MacBook-Air Graphic2project % cd lab1
[qiaodanzhao@Qiaodans-MacBook-Air lab1 % ls
Design_notes.docx
Graphic2lab1
                         face.d.txt
                                                  ibase.d.txt
                         floor.d.txt
                                                  king.d.txt
Results.docx
                         geometry.d.txt
                                                  knight.d.txt
User_Guide.docx
                         house.d.txt
                                                  project1.jar
[qiaodanzhao@Qiaodans-MacBook-Air lab1 % java -jar project1.jar
```

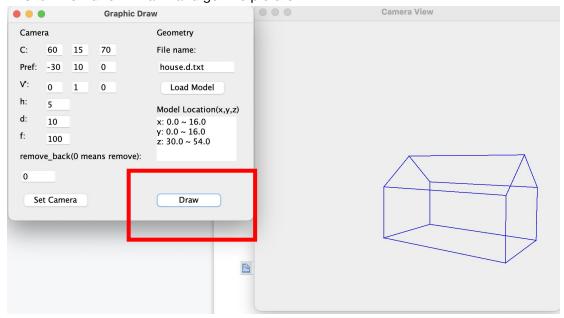
2. Type the file name ".d.txt" and click the button "Load Model", then the model location will show below.

• • Gra	Graphic Draw			
Camera	Geometry			
C:	File name [.]			
Pref:	house.d.txt			
V':	Load Model			
h:	Model Location(x,y,z)			
d:	x: 0.0 ~ 16.0			
f:	y: 0.0 ~ 16.0 z: 30.0 ~ 54.0			
remove_back(0 means re	move):			
Set Camera	Draw			

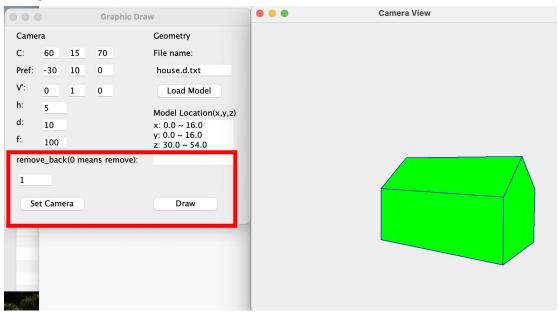
3. According to the Model Location, type the camera parameter on the left and click button "Set Camera".

Graphic Draw					
Came	ra				Geometry
C:	60	15	70		File name:
Pref:	-30	10	0		house.d.txt
V ':	0	1	0		Load Model
h:	5				Model Location(x,y,z)
d:	10				x: 0.0 ~ 16.0
f:	100				y: 0.0 ~ 16.0 z: 30.0 ~ 54.0
remove_back(0 means remove):					
0					
Set Camera				Draw	

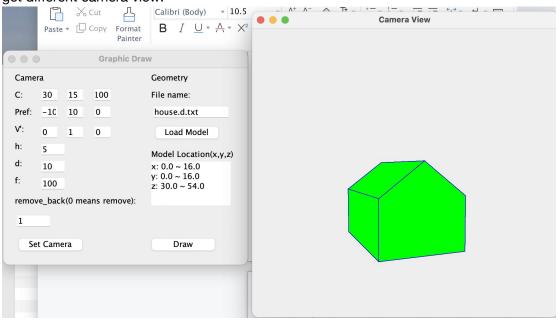
4. Click the Button "Draw" and get the picture.



5. Change the remove_back from 0 to 1 then click "Set Camera" and draw to back culling.



6. Change the camera parameters and click "Set Camera" every time and then draw to get different camera view.



7. Change the file name and load model and reset camera parameter again to show different model.

