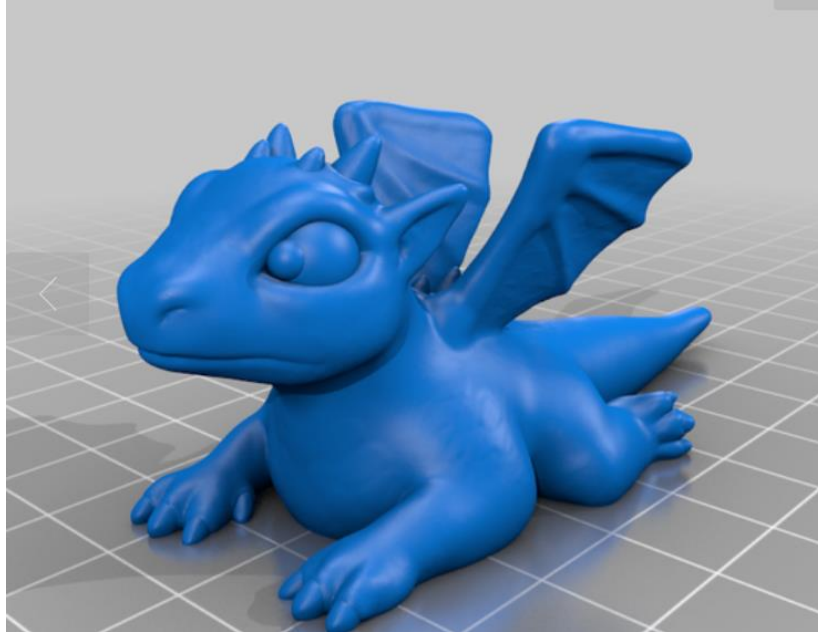
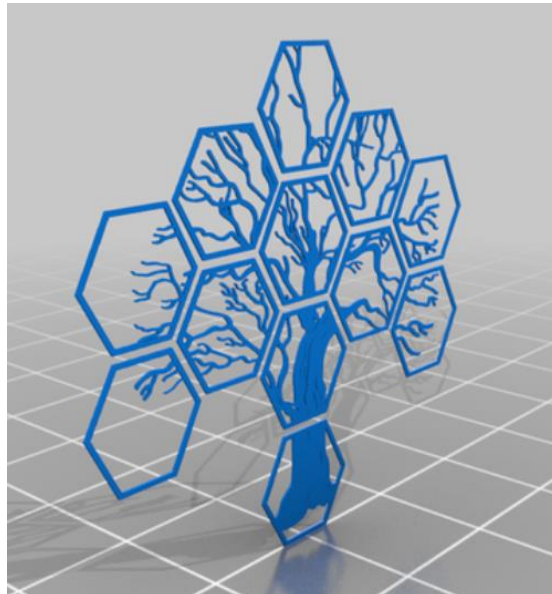


# ME480 Lab1 Zhaoyi Jiang

Part 1:



It needs to be printed with support  
<https://www.thingiverse.com/thing:4964975>



It does not need to be printed with support  
<https://www.thingiverse.com/thing:4961872>

## Part 2:

```
,TIME:0.100
;Filament used: 3.55433m
;Layer height: 0.2
;MINX:70.527
;MINY:89.65
;MINZ:0.2
;MAXX:159.099
;MAXY:145.362
;MAXZ:34.4
;Generated with Cura_SteamEngine 4.11.0
M140 S50
M105
M190 S50
M104 S200
M105
M109 S200
M82 ;absolute extrusion mode
; Ender 3 Custom Start G-code
G92 E0 ; Reset Extruder
G28 ; Home all axes
G1 Z0.5 F3000 ; Move Z Axis up little to
```

Line 12 and 15 as showed in the picture.

The bed temperature is 50

The nozzle temperature is 200

## Part 3:

### Printer2

Start Time: 19:14 PCT

Finish time: ~20:05 PCT

**Connection**

**State**

State: **Printing**  
Resend ratio: 0 / 1886.2K (0%)

File: **ppe zy.gcode**  
Uploaded: 2021-10-12 19:12:05  
User: **ME480Student**  
Timelapse: -  
Filament (Tool 0): 1.42m  
Approx. Total Print Time: 40 minutes

Print Time: 00:00:17  
Print Time Left: 40 minutes  
Printed: 246.0bytes / 1.6MB  
0%

**Print** **Pause** **Cancel**

**Files**

Search...

Uploaded: -  
Size: -

**LighLock5.gcode**  
Uploaded: 8 months ago  
Size: 3.2MB

**plate.gcode**

**Connection**

**State**

State: **Operational**  
Resend ratio: 0 / 1940.9K (0%)

File: **ppe zy.gcode**  
Uploaded: 2021-10-12 19:12:05  
User: **ME480Student**  
Timelapse: -  
Filament (Tool 0): 1.42m  
Approx. Total Print Time: 50 minutes

Print Time: 00:49:37  
Print Time Left: -  
Printed: 1.6MB / 1.6MB  
100%

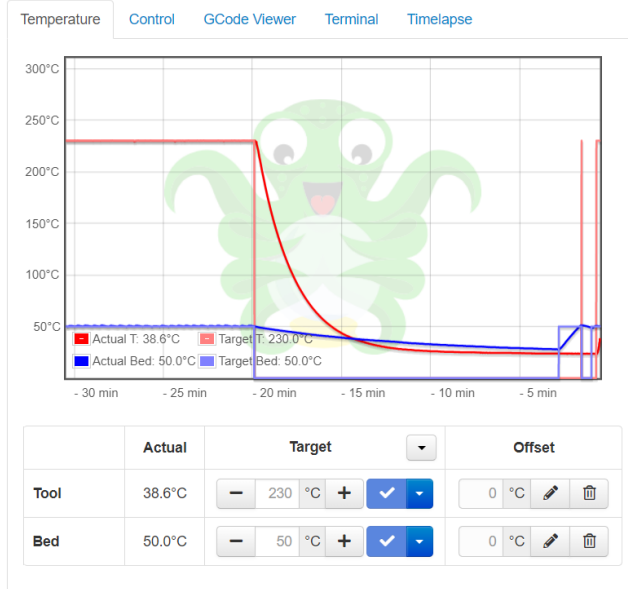
**Print** **Pause** **Cancel**

**Files**

Search...

Uploaded: -  
Size: -

**LighLock5.gcode**  
Uploaded: 8 months ago  
Size: 3.2MB



Hint: If you move your mouse over the picture, you enter keyboard control mode.

X/Y Z Tool (E) General

↑ ↑ 5 mm Motors off

← → ↶ ↷ Extrude Fan on

↓ ↓ Retract Fan off

0.1 1 10 100