

02/18/18 01:58:04 /home/nsamba/projects/barrier.py

```
1  #!/usr/bin/freecadcmd
2  import Part
3  from FreeCAD import Base
4
5  base_width = float(input("What was your base_width?"))
6  base_length = float(input("What was the base_length?"))
7  base_length = float(input("What was your base_length?"))
8  base_thick = float(input("What was your base_thickness?"))
9
10 def design_base(bwidth,blength,bheight):
11     pos = Base.Vector(0,0,0)
12     s = Part.makeBox(bwidth,blength,bthick,pos)
13     nsolid = Part.makeSolid(s)
14     p = Base.Vector()
15     drill = Part.makeCylinder()
16     nsolid.exportStep("/home/nsamba/projects/barrier/barrier_base.stp")
17
18 def design_barrier(wwidth,wheight):
19     pos = Base.Vector(0,0,0)
20     # to be finished
21
22 design_base(base_width,base_length,base_thick)
```