

Ottopus is an octopus-like robot.

introduce

- ▶ Ottopus is an octopus-like robot.
- ▶ It's made of arduino nano, arduino nano shield, servo motor(sg90), distance sensor(HC-SR04), piezo buzzer, bluetooth(option).
- ▶ It can move forward, backward, turn, sing.

3Dprint

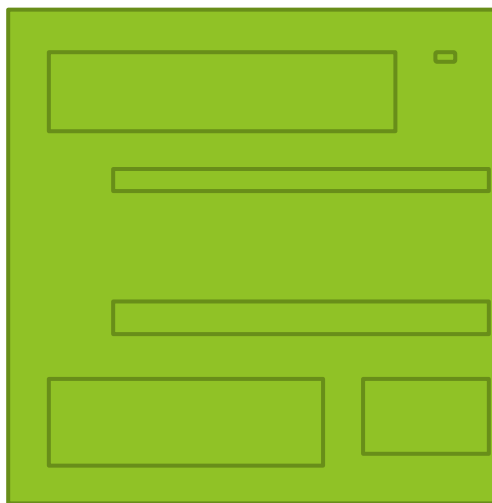
Print each stl files.

foot. stl	body. stl	head .stl
6	1	1

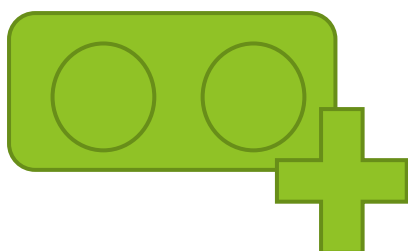
build



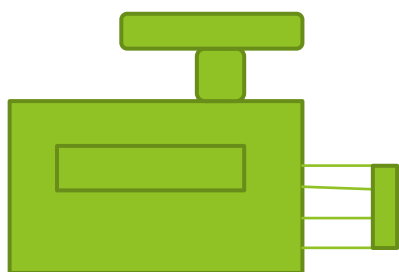
Arduino nano X 1



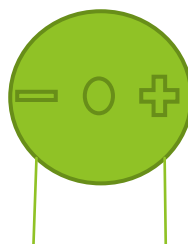
Arduino nano shield X 1



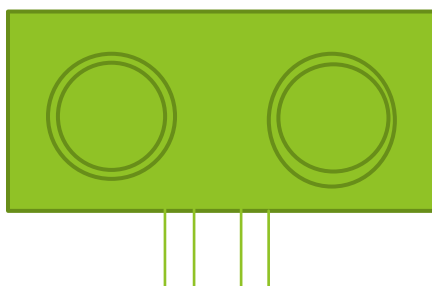
3D printer printout



sg90 X 6



Piezo buzzer X 1



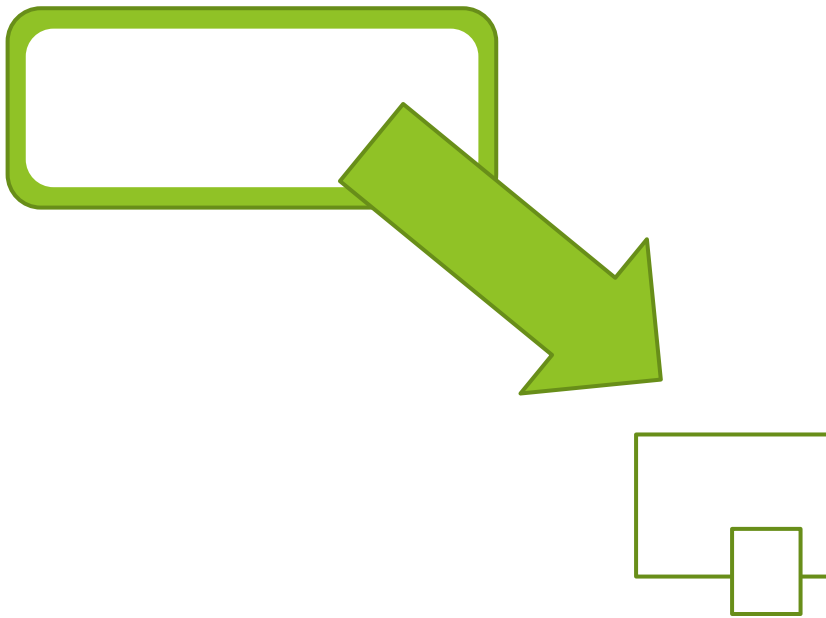
HC-SR04 X 1



Cable set

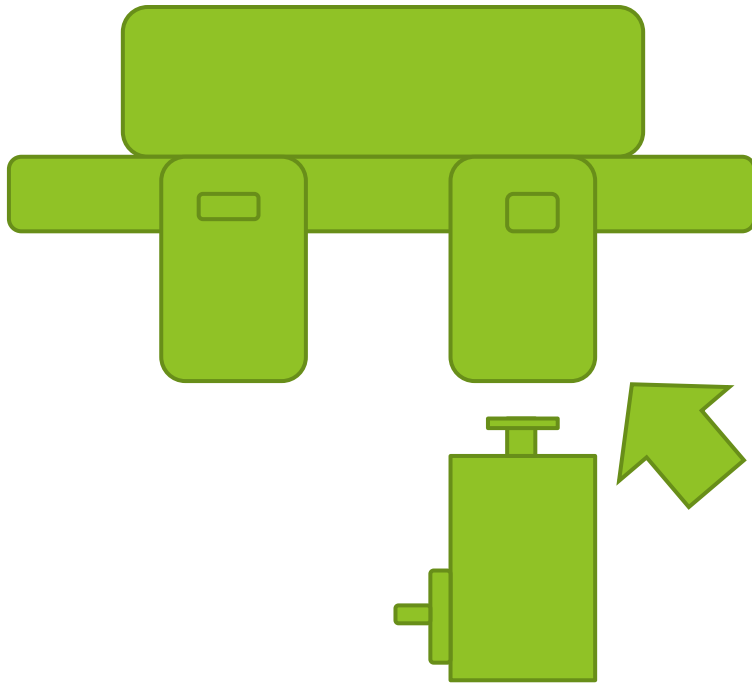
1

Remove supporter



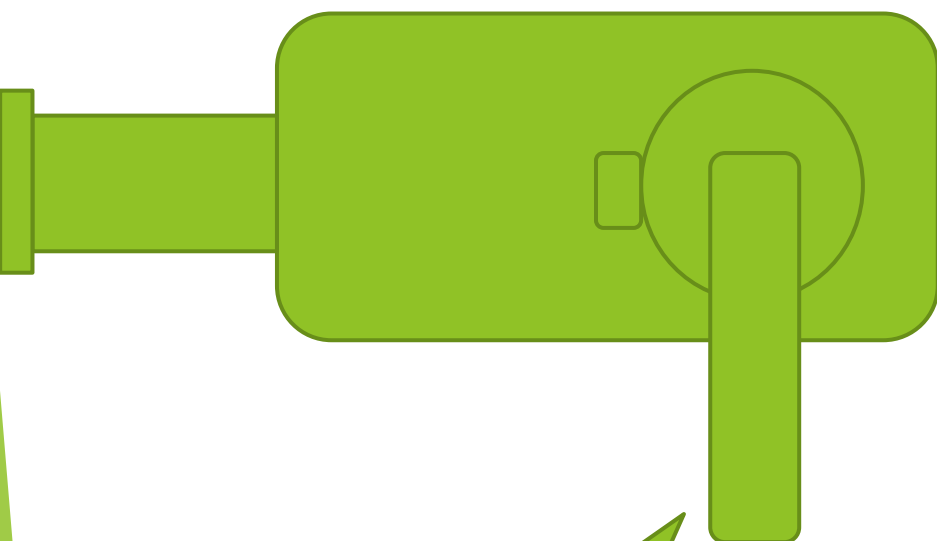
2

Insert sg90 in body



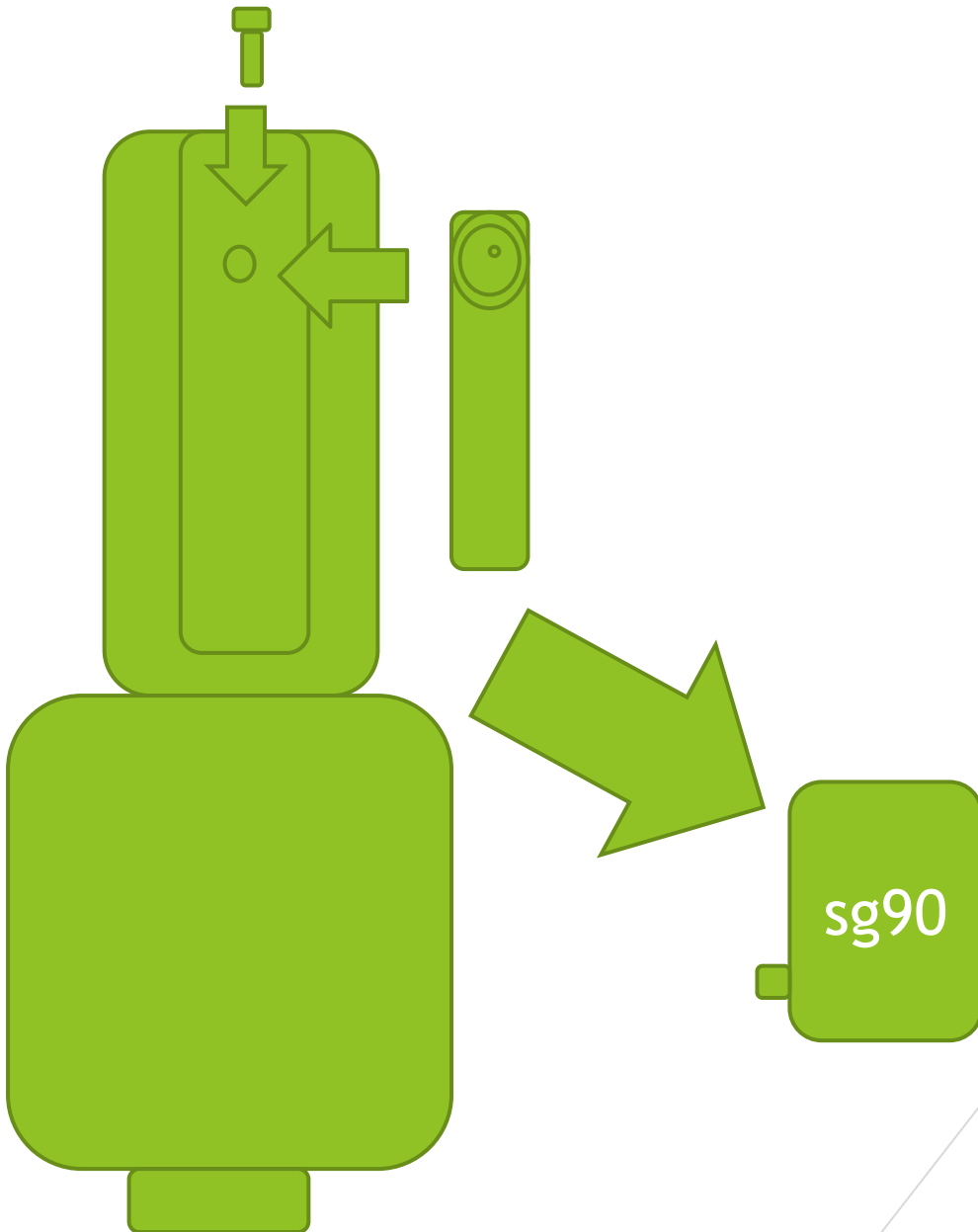
3

Set sg90's angles to 90'



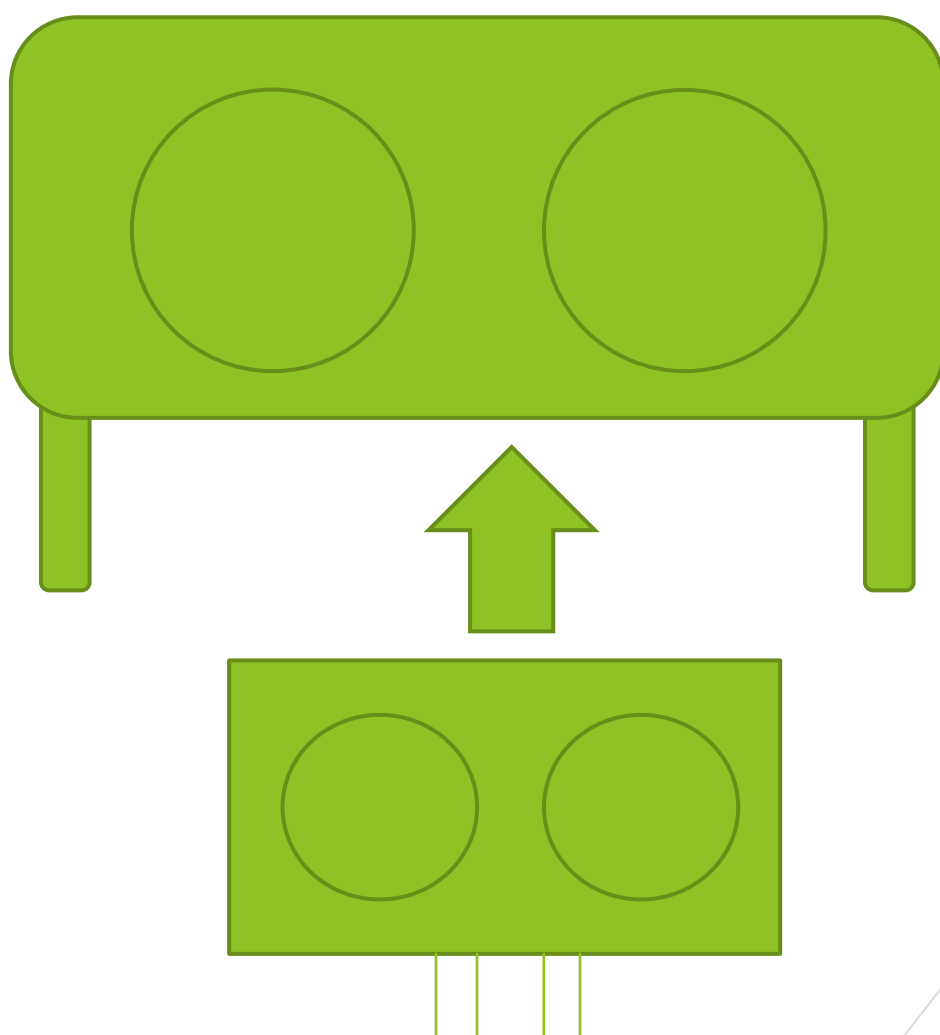
4

Insert foot to sg90



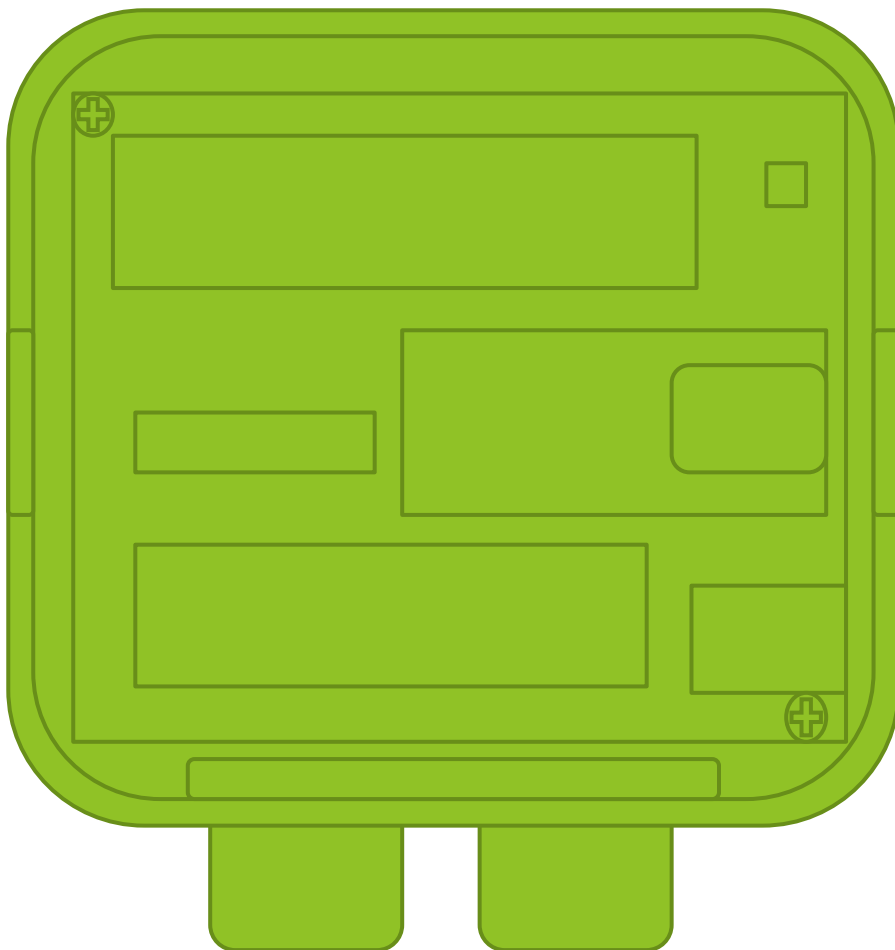
5

Insert HC-SR04 to head



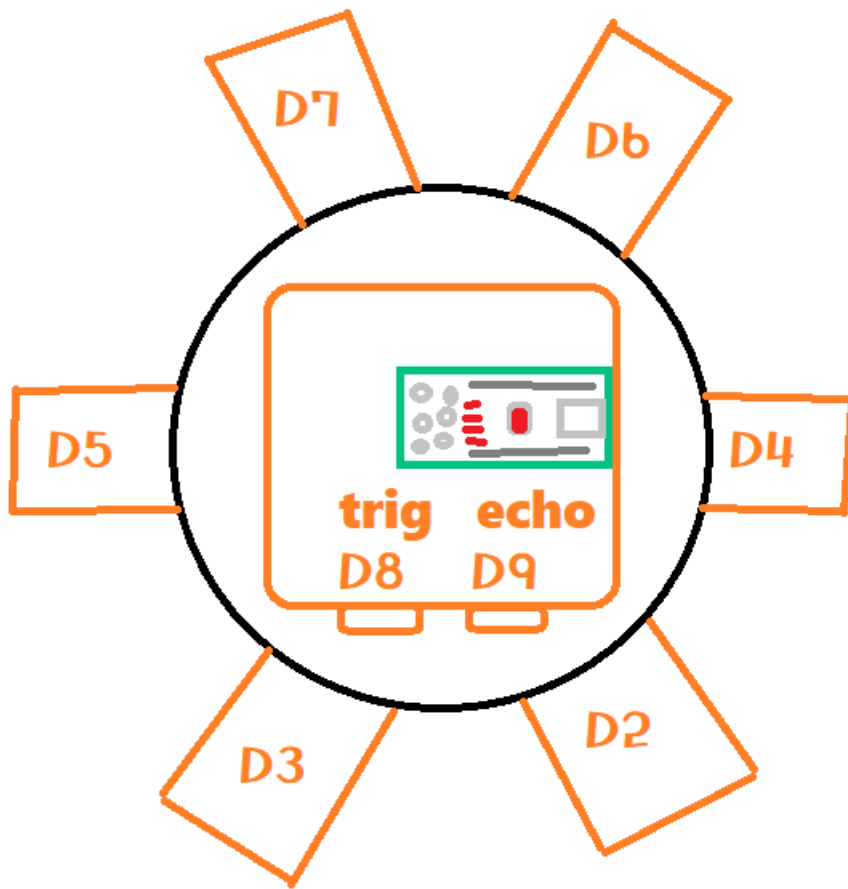
6

Put arduino into head



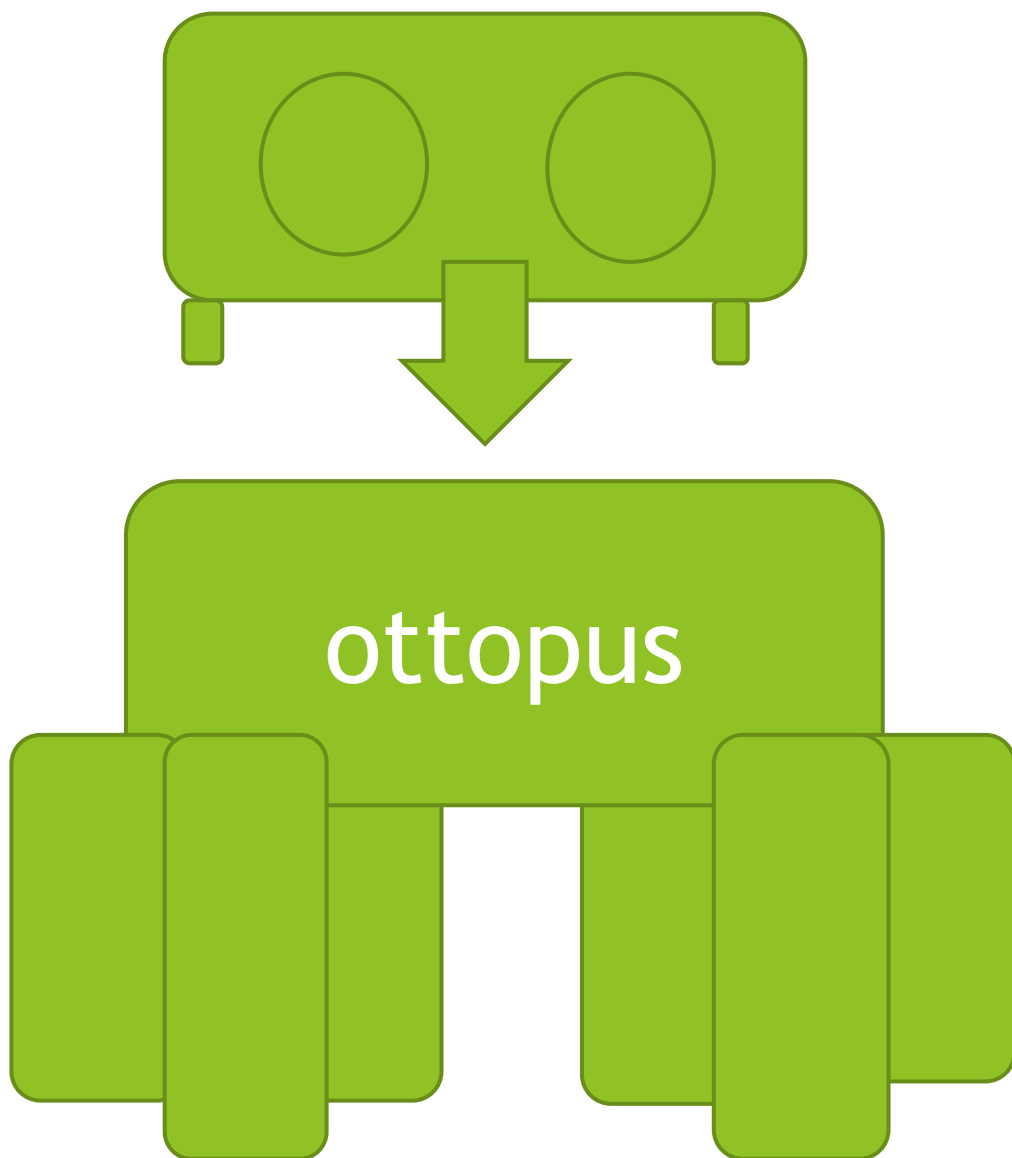
7

circuit



8

Put head into body



reference

Youtube :
<https://youtu.be/pe11TF9Kvl4>

Wikifactory :
<https://wikifactory.com/+OttoDIY/ottopus>

Github :
<https://github.com/makebot-maker/ottopus>

Website :
<https://makebot.modoo.at/>

