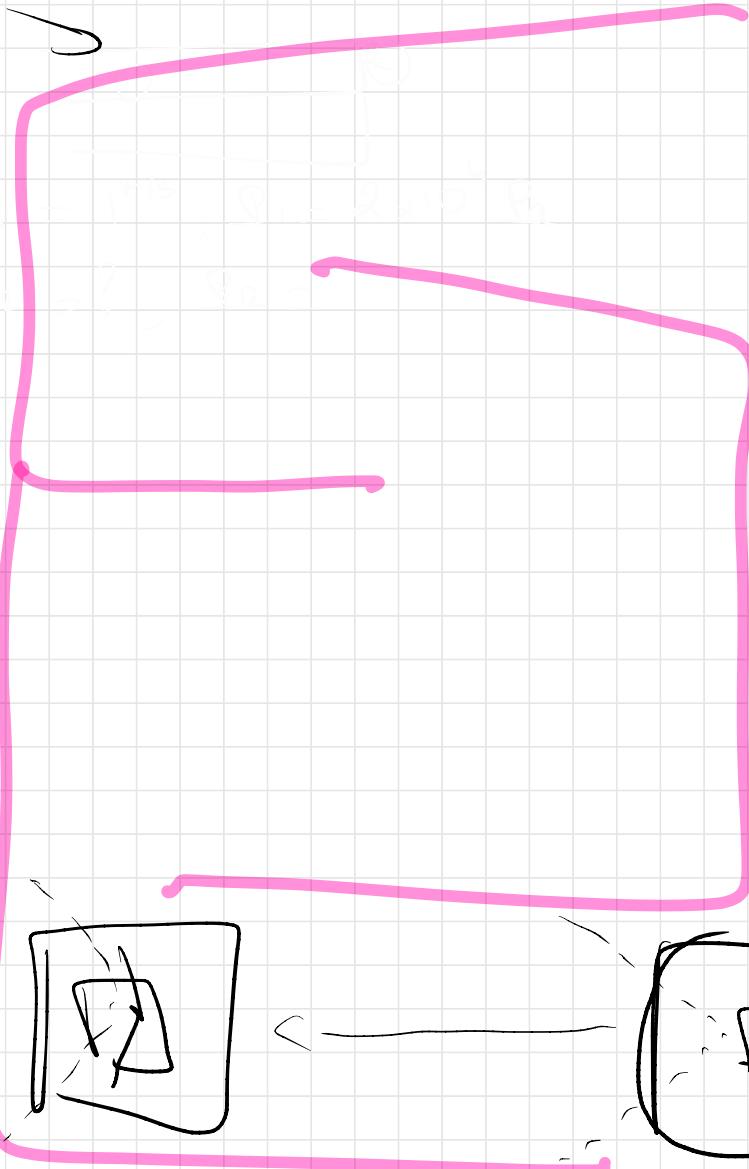
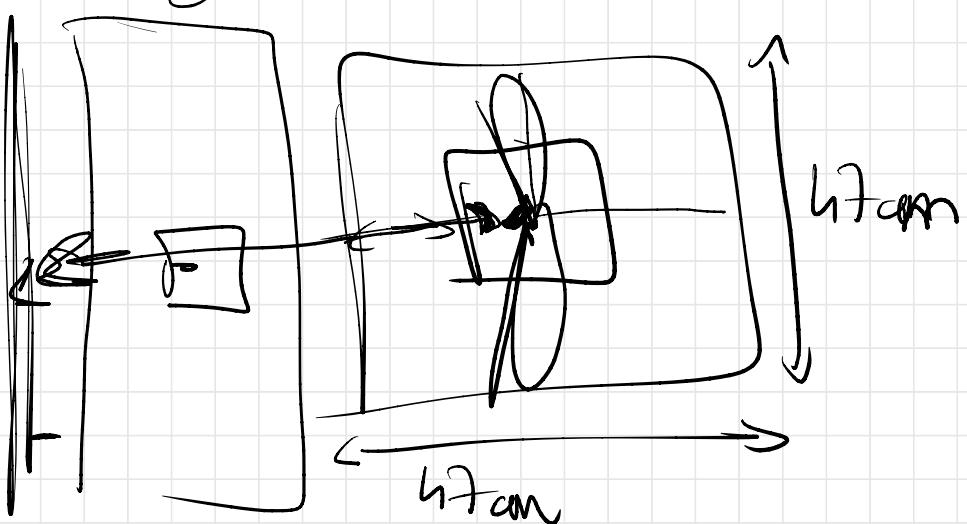


track



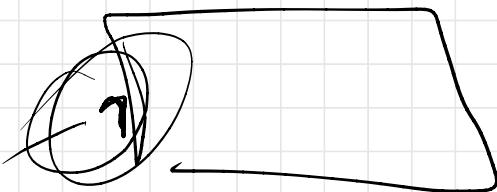
when shops  $\rightarrow$  turn right



$$47/2 = 23.5$$

24.5

~~x cm~~  
x cm



Pseudo-code

```
while (sensor < xcm) // first wall
{
    servo keeps running
}

if (sensor == xcm)
{
    servo stops
    servocircle turn right // so fan turns right
}

servo moves

// second wall

while (sensor < xcm)
{
    servo keeps running
}

if (sensor == xcm)
{
    servo stops
    servocircle turn right // so fan turns right
}

servo moves
```

// third wall

while (sensor < xcm)

{ servo keeps running

}

if (sensor == xcm)

{ servo stops

servo circle turn left // so fan turns left

}

Servo moves

// fourth wall

while (sensor < xcm)

{ servo keeps running

}

if (sensor == xcm)

{ servo stops

servo circle turn left // so fan turns left

}

Servo moves

// fifth wall

while (sensor < xcm)

{ servo keeps running }

{ if (sensor == xcm)

} servo stops

servoWrite turn right // so fan turns right

} servo moves

// sixth wall

while (sensor < xcm)

{ servo keeps running }

{ if (sensor == xcm)

} servo stops

servoWrite turn right // so fan turns right

} servo moves

// seventh wall

```
while (sensor < xcm)
{
    servo keeps running;
}

if (sensor == xcm)
{
    servo stops
    servoslide turn right // so fan turns right
}

servo moves
```

// questions to ask

- is there an opening & end
- how can translate the code