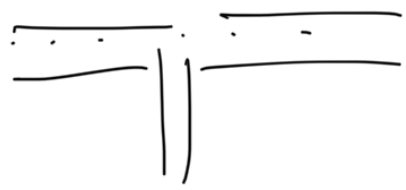
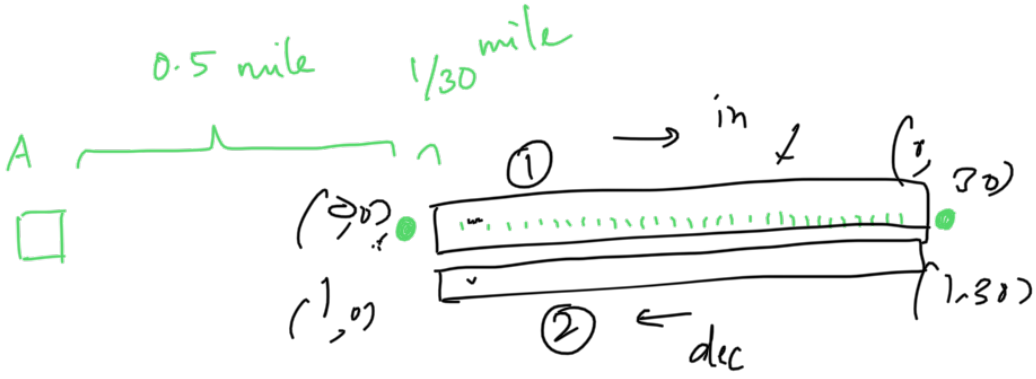
PROJECT



vehicles:



B

C

each time step
moves 1 point in a segment.

12 segments . 1 segment = 30 points
x2 (each way)
9 intersection points

Routes = will be combination of segments to cover respective points and return to A.

Once the route is picked,

↳ * car follows increment of steps in segments

one after the other

* car follows red/green at intersections

* car follows increment only if no car in future section/segment.

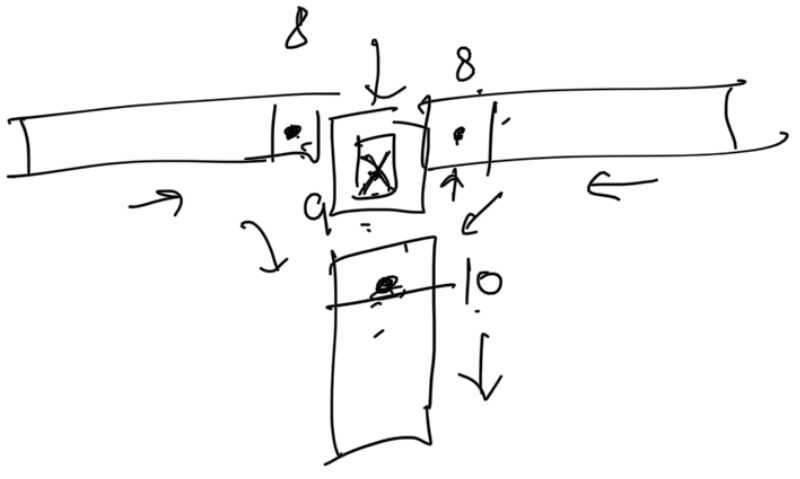
Classes vehicle class

1. car ⇒ pos
   future pos check ⇒
   route
   follow light ⇒

2. segment ⇒ 30 slots. [||||||]
   filled slot info.
   ⇒ inc, dec
   ⇒ new car ⇒ end section

3. Signal → vehicle info → red → intersection
   → green

4. controller → Signal (q) → H →
   → scheduling
   → full matrix + new segments




```
main()
{
  t=0
  while(1)
  {
    t=t+1
  }
  t=t+2
```