```
#define s_l A3 //left sensor

#define s_c A0 //centar sensor

#define s_r A1 //right sensor

int left=0,right=0,center=0; //to store the readings


check where is the robot so that it can change the road or move forward

if (left==0&&right==0&&center==1)

{

  moveForward(); }

  if the three sensors isn’t on the road


if (left==0&&right==0&&center==0) {

  moveBackward(); }


else if (left==1&&center==0&&right==0)

{

  rotate90left();

}


else if (left==0&&center==0&&right==1)

{

  rotate90right();

}

}
```

Safe:

Read the three encoders and the output will be the led

Call the three encoder functions in void loop

if (digitalRead(signal_a1 != signal_b1)) //check that the signal is cw or not so it will increament the counter or decrement it

then if cw the count will be incremented or cww will be decremented

check the degree of each in coder and light up the led if 1st encoder: 37 degrees 2nd encoder: 10 degrees 3rd encoder: 54 degrees.