



```

int IR1 = 0;
int IR2 = 0;

void setup()
{
  pinMode(9, OUTPUT);
  pinMode(A0, INPUT);
  pinMode(A1, INPUT);
  pinMode(9, OUTPUT);
  pinMode(A2, INPUT);
  pinMode(9, OUTPUT);

  Serial.begin(9600);
}
void loop()
{
  int sensor = digitalRead(IR1);
  if (sensor==HIGH){
    digitalWrite(9,LOW);
  }
  else{
    digitalWrite(9,HIGH);

    int sensor = digitalRead(IR2);
    if (sensor==HIGH){
      digitalWrite(9,LOW);
    }
    else{
      digitalWrite(9,HIGH);
    }
  }
  if (digitalRead(A3) == HIGH) {
    digitalWrite(9, HIGH);
  } else {
    digitalWrite(9, LOW);
  }
  delay(10);
}
}

```