**Program:**

void setup() {

  // put your setup code here, to run once:

  pinMode(A0, INPUT);    //IR sensor to CN11

  pinMode(0, OUTPUT);

  pinMode(1, OUTPUT);

  pinMode(2, OUTPUT);

  pinMode(4, OUTPUT);

  pinMode(13, OUTPUT);

}

void loop() {

  // put your main code here, to run repeatedly:

  if(digitalRead(A0) == 1)

  {

    digitalWrite(0,HIGH);

    digitalWrite(1,HIGH);

    digitalWrite(2,HIGH);

    digitalWrite(4,HIGH);

    digitalWrite(13,HIGH);

  } else {

    digitalWrite(0,LOW);

    digitalWrite(1, LOW);

    digitalWrite(2, LOW);

    digitalWrite(4, LOW);

    digitalWrite(13, LOW);

}

}