

```
int sensorPin = A0;

int enablePin1 = 9;
int phasePin1 = 7;
int enablePin2 = 10;
int phasePin2 = 8;

void setup() {
  Serial.begin(9600);

  pinMode(enablePin1, INPUT);
  pinMode(phasePin1, OUTPUT);
  pinMode(enablePin2, INPUT);
  pinMode(phasePin2, OUTPUT);
}

void loop() {
  int val = analogRead(sensorPin);
  Serial.println(val);
  delay(100);

  if(val>100){
    digitalWrite(enablePin1, HIGH);
    digitalWrite(phasePin1, LOW);
    digitalWrite(enablePin2, HIGH);
    digitalWrite(phasePin2, HIGH);
  }

  else{
    digitalWrite(enablePin1, HIGH);
    digitalWrite(phasePin1, LOW);
    digitalWrite(enablePin2, HIGH);
    digitalWrite(phasePin2, LOW);
  }
}
```