

```

//Electronic Buzz
//The Automatic car wiper code was written by Prajwal.S.Navalagi
#include <Servo.h>

Servo myservo;
Servo myservo1;

int pos = 0;
int sensorValue = 0;

void setup() {
  Serial.begin(9600);
  myservo.attach(9);
  myservo1.attach(10);
}

void loop()
{
  sensorValue = analogRead(A0);
  Serial.println(sensorValue);
  if(sensorValue>800){
    myservo.write(0);
    myservo1.write(0);
    delay(1000);
  }
  if(sensorValue<=800 && sensorValue>600)
  {
    for (pos = 0; pos <= 120; pos+=1)
    {
      myservo.write(pos);
      myservo1.write(pos);
      delay(3);
    }

    for (pos = 120; pos >= 0; pos-=1)
    {
      myservo.write(pos);
      myservo1.write(pos);
      delay(3);
    }

    delay(2000);
  }
}

```

```
if(sensorValue<=600 && sensorValue>460)
{
```

```
  for (pos = 0; pos <= 120; pos+=1)
```

```
  {
    myservo.write(pos);
    myservo1.write(pos);
    delay(3);
  }
```

```
  for (pos = 120; pos >= 0; pos-=1)
```

```
  {
    myservo.write(pos);
    myservo1.write(pos);
    delay(3);
  }
```

```
  delay(1000);
}
```

```
if(sensorValue<460){
```

```
  for (pos = 0; pos <= 120; pos+=1)
```

```
  {
    myservo.write(pos);
    myservo1.write(pos);
    delay(3);
  }
```

```
  for (pos = 120; pos >= 0; pos-=1)
```

```
  {
    myservo.write(pos);
    myservo1.write(pos);
    delay(3);
  }
```

```
  delay(100);
}
```

```
}
```