```arduino
void setup()
{
  Serial.begin(9600);
  pinMode(13, OUTPUT);
  pinMode(8, OUTPUT);
  pinMode(7, OUTPUT);
}


void loop()
{
  int v=analogRead(A0);
  if(v<100)
  {
    Serial.println("  LDR Reading:");
    Serial.print(v);
     digitalWrite(7, HIGH);


    delay(200);
    digitalWrite(8, LOW);
    digitalWrite(13, LOW);
  }
  else if(v<300 && v>100)
  {
    Serial.println("LDR Reading:");
    Serial.print(v);
    digitalWrite(8, HIGH);
    delay(200);
    digitalWrite(13, LOW);
    digitalWrite(7, LOW);
  }
  else if(v>300)
  {
```

```
      Serial.println("LDR Reading:");

      Serial.print(v);

      digitalWrite(13, HIGH);

      delay(200);

      digitalWrite(8, LOW);

      digitalWrite(7, LOW);

  }

  else

  {

      Serial.println("LDR Reading:");

      Serial.print(v);

      digitalWrite(13, LOW);

      digitalWrite(8, LOW);

      digitalWrite(7, LOW);

  }


}
```