

```

int water; //random variable
void setup() {
  pinMode(3,OUTPUT); //output pin for relay board, this will sent signal
to the relay
  pinMode(6,INPUT); //input pin coming from soil sensor
  pinMode(LED_BUILTIN, OUTPUT);
}

void loop() {
  water = digitalRead(6);
  printf("%d",water); // reading the coming signal from the soil sensor
  if(water == HIGH) // if water level is full then cut the relay
  {
    digitalWrite(LED_BUILTIN, HIGH);
    digitalWrite(3,HIGH); // low is to cut the relay
  }
  else
  {
    digitalWrite(LED_BUILTIN,LOW);
    digitalWrite(3,LOW); //high to continue proving signal and water supply
  }
  delay(400);
}

```