











sketch_jun03a

```
int sensor_pin = A0; // Soil Sensor input at Analog PIN A0
int output_value ;
void setup()
{
// put your setup code here, to run once:
pinMode(4, OUTPUT);
Serial.begin(9600);
Serial.println("Reading From the Sensor ...");
delay(2000);
}
// put your main code here, to run repeatedly:
void loop()
{
output_value = analogRead(sensor_pin);
output_value = map(output_value, 550, 10, 0, 100);
Serial.print("Moisture : ");
Serial.print(output_value);
Serial.println("%");
if(output_value < 0)
{
digitalWrite(4, HIGH);
}
else
{
digitalWrite(4, LOW);
}
delay(1000);
}
```

Done uploading

sketch uses 2494 bytes (7%) of program storage space. Maximum is 32256 bytes.
 leaving 1816 bytes for local variables.