const int sensor\_pin = A1; /\* Soil moisture sensor O/P pin \*/

void setup() {

Serial.begin(9600); /\* Define baud rate for serial communication \*/

}

void loop() {

float moisture\_percentage;

int sensor\_analog;

sensor\_analog = analogRead(sensor\_pin);

moisture\_percentage = ( 100 - ( (sensor\_analog/1023.00) \* 100 ) );

Serial.print("Moisture Percentage = ");

Serial.print(moisture\_percentage);

Serial.print("%\n\n");

delay(1000);

}