MAKE SKILLED IoT INTERNSHIP

ASSIGNMENT – 5

ARDUINO CONNECTIONS WITH SOIL MOISTURE SENSOR

* + HERE WE WILL BE USING ARDUINO INTERFACE.
  + COMPONENTS REQUIRED:
  1. ARDUINO UNO BOARD
  2. PC / LAPTOP INSTALLED WITH ARDUINO IDE SOFTWARE
  3. SOIL MOISTURE SENSOR
  4. JUMPING WIRES
  + CIRCUIT DIAGRAM

Graphical user interface

Description automatically generated with medium confidence

* PROGRAM

const int sensor\_input=A2

int sensor\_value;

void setup() {

Serial.begin(9600);

}

void loop() {

sensor\_value=analogRead(sensor\_input);

Serial.print("sensor moisture value=");

Serial.println(sensor\_value);

delay(1000);

}

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