DEFINE THE FOLLOWING TERMS:

* Resistors
* Capacitors
* Diode
* Potential Energy
* Voltage
* Work
* Write a program that prints the following on serial monitor
  + Cell A;[15,21,19,23]
  + Cell B;[21,16,24,15]
  + Cell c;[13,26,28,11]
  + Cell D;[12,12,12,12]

Write a program that prints the following on serial monitor

* Name: Mary
* Age:21
* Weight:60kgs
* Occupation: Teller

Explain what the following program is doing.

Int pot pin= A0;

Int Read value;

Float Brightness;

Void setup () {

Pin Mode (pot pin, INPUT);

Serial. Begin (9600);

}

Void loop () {

Readvalue= analog Read (potpin);

Brightness=(255./1023)\*Read value

Serial.println (Brightness);

Delay (250);

}

Explain what the following diagram is doing:

Int potpin= AO;

Int read value;

Float voltage;

Void setup () {

Pin Mode (potpin, INPUT);

Serial. Begin (9600);

Void loop () {

Readvalue = analog Read (potpin);

Voltage=(5./1023)\* read value;

Serial.println (voltage);

Delay (250);

}