```
//initializes/defines the output pin of the LM35 temperature sensor

int outputpin= A0;

//this sets the ground pin to LOW and the input voltage pin to high

void setup()

{

Serial.begin(115200);

}


//main loop

void loop()

{

int rawvoltage= analogRead(outputpin);

float millivolts= (rawvoltage/1024.0) * 3300;

float celsius= millivolts/10;

Serial.print(celsius);

Serial.print(" degrees Celsius, ");


Serial.print((celsius * 9)/5 + 32); //konversi celcius ke fahrenheit

Serial.println(" degrees Fahrenheit");

delay(1000);


}
```