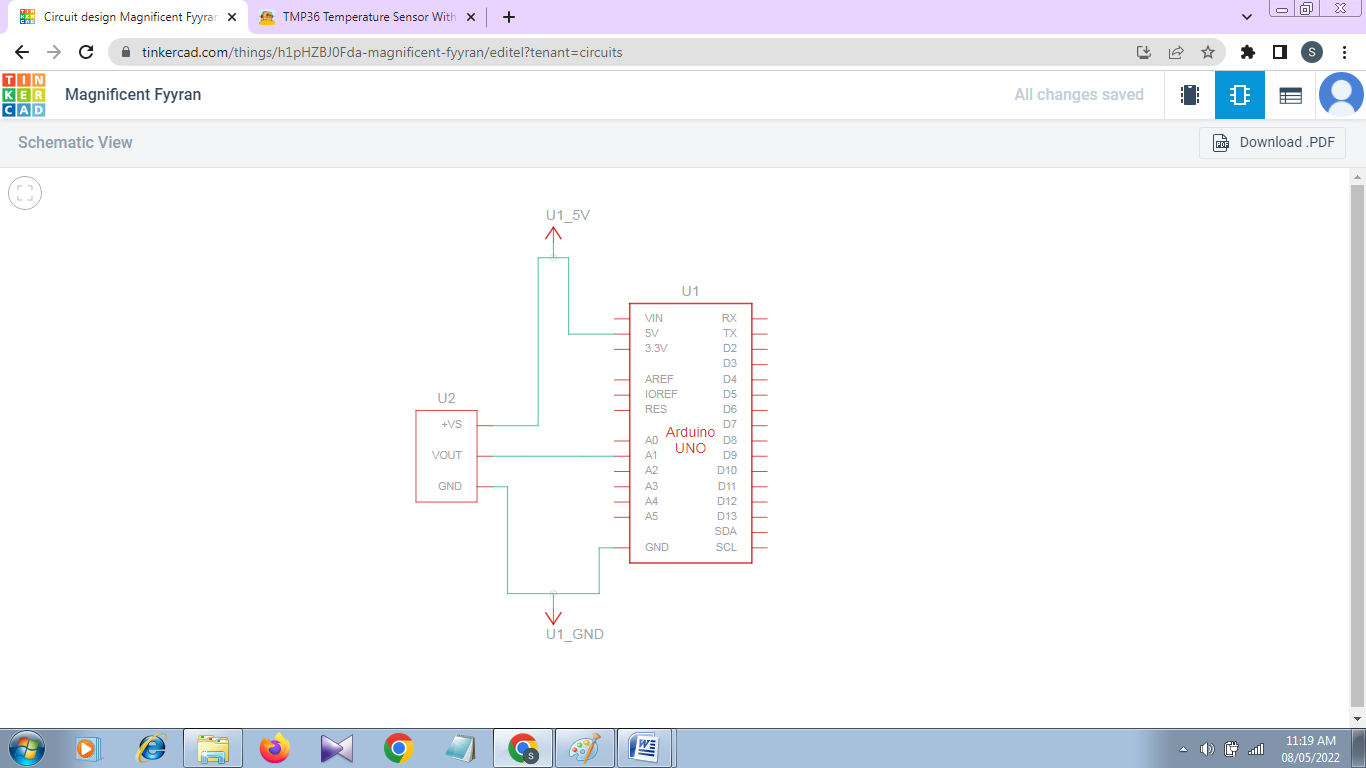
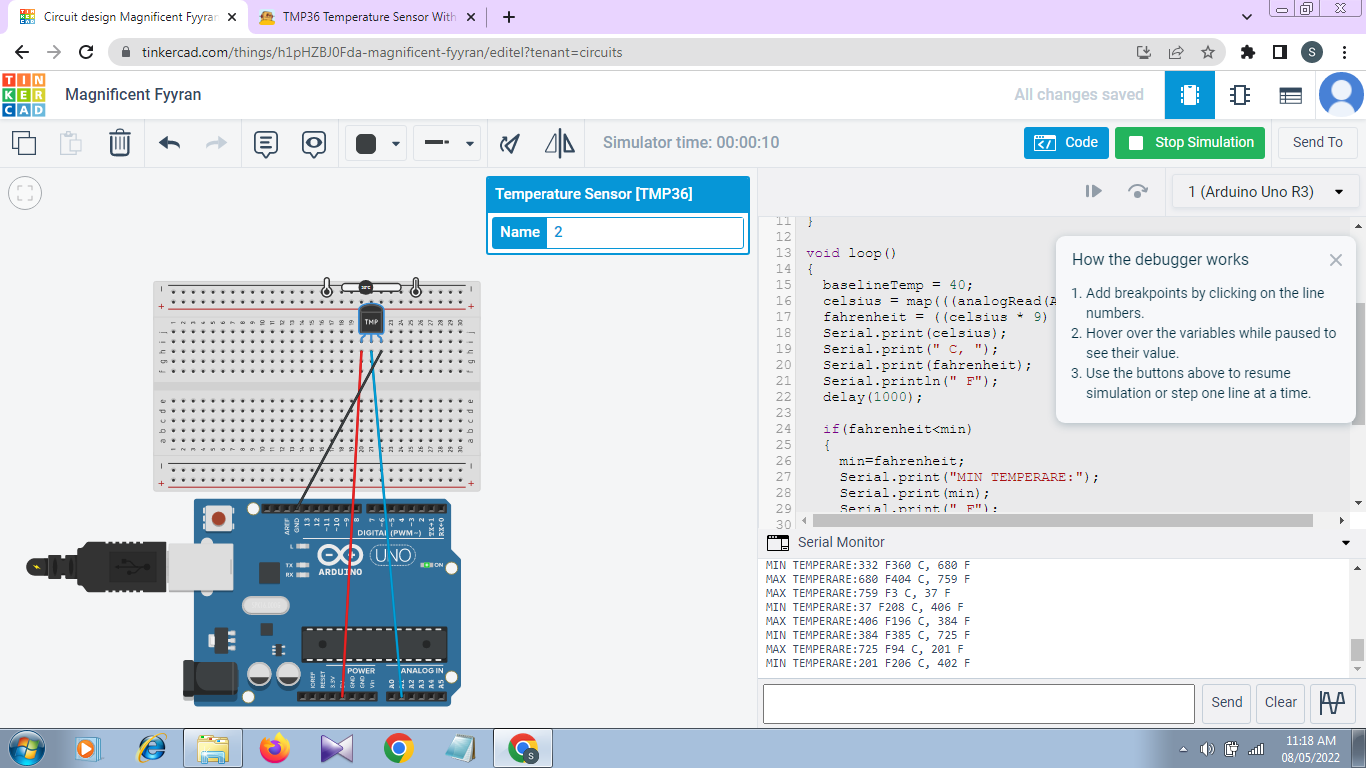
**Schematic View:**

**Circuit View:**

****

**Code:**

int baselineTemp = 0;

int celsius = 0;

int fahrenheit = 0;

int max=500;

int min=0;

void setup()

{

pinMode(A1, INPUT);

Serial.begin(9600);

}

void loop()

{

baselineTemp = 40;

celsius = map(((analogRead(A0) - 20) \* 3.04), 0, 1023, -40, 125);

fahrenheit = ((celsius \* 9) / 5 + 32);

Serial.print(celsius);

Serial.print(" C, ");

Serial.print(fahrenheit);

Serial.println(" F");

delay(1000);

if(fahrenheit<min)

{

min=fahrenheit;

Serial.print("MIN TEMPERARE:");

Serial.print(min);

Serial.print(" F");

}

if(fahrenheit>min)

{

min=fahrenheit;

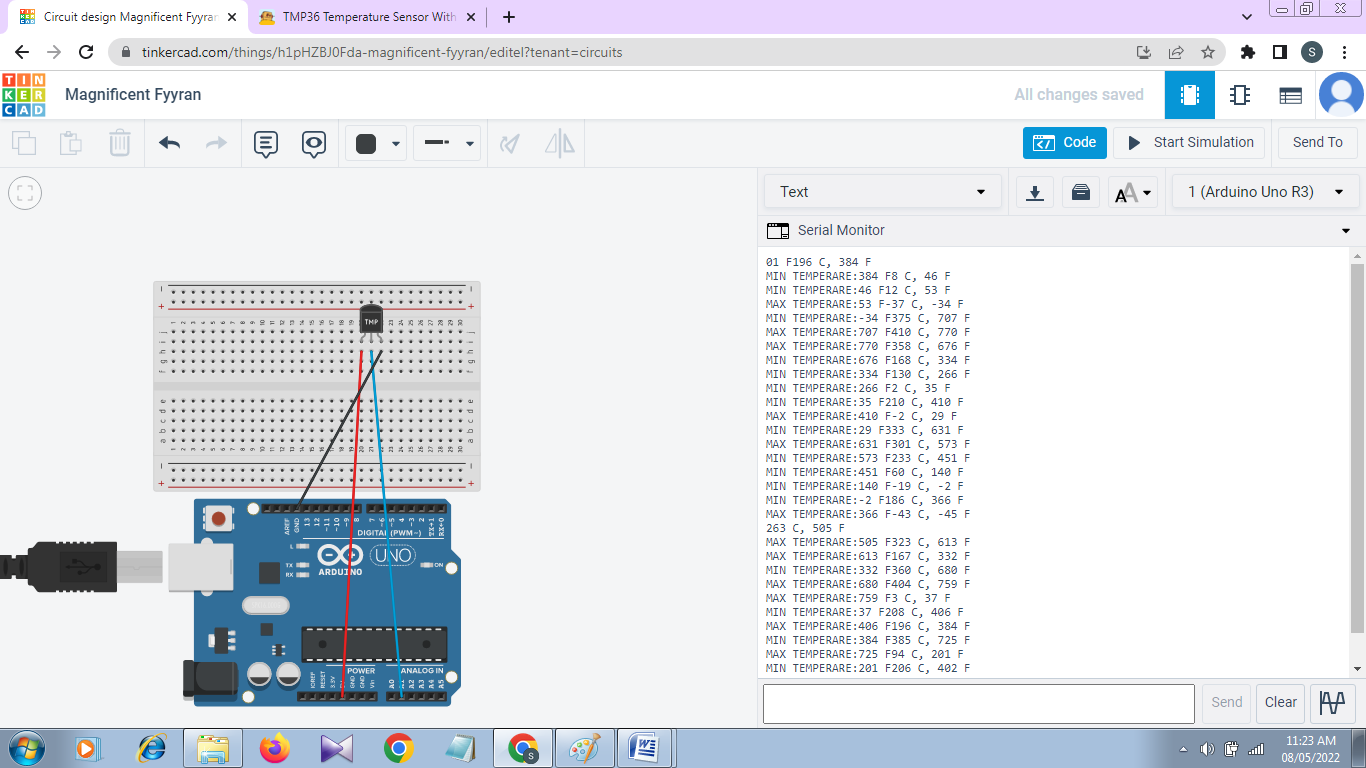
Serial.print("MAX TEMPERARE:");

Serial.print(min);

Serial.print(" F");

}

}

**Output:**