

Program no 0

Program Title Temperature Sensor

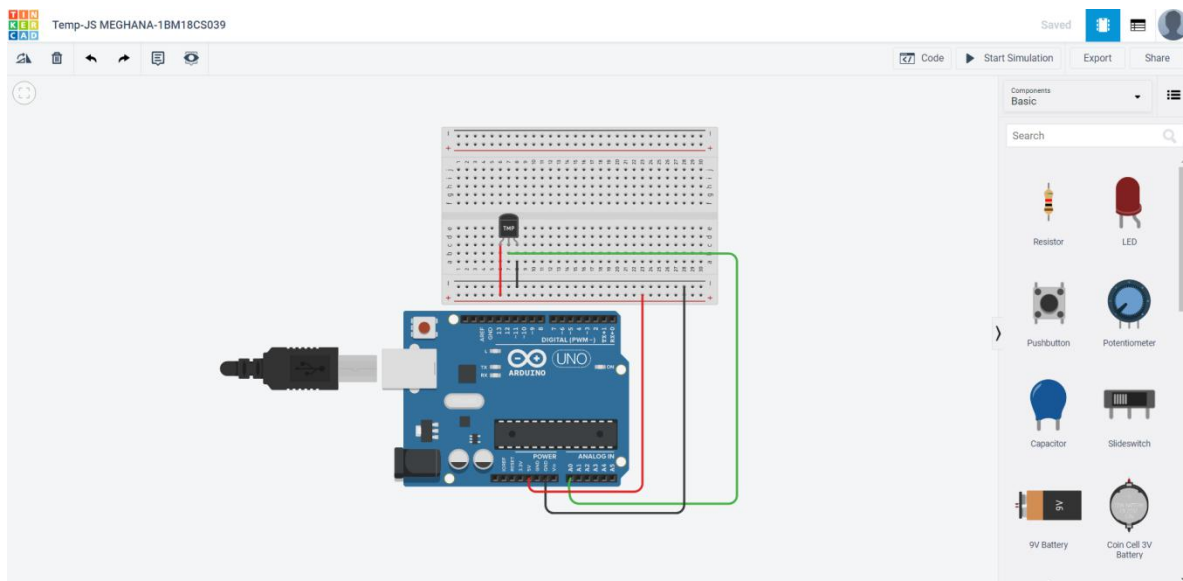
Aim

Demonstrate the working of Temperature Sensor

Hardware Required

1. Arduino Uno Board
2. Temperature Sensor

Circuit Diagram



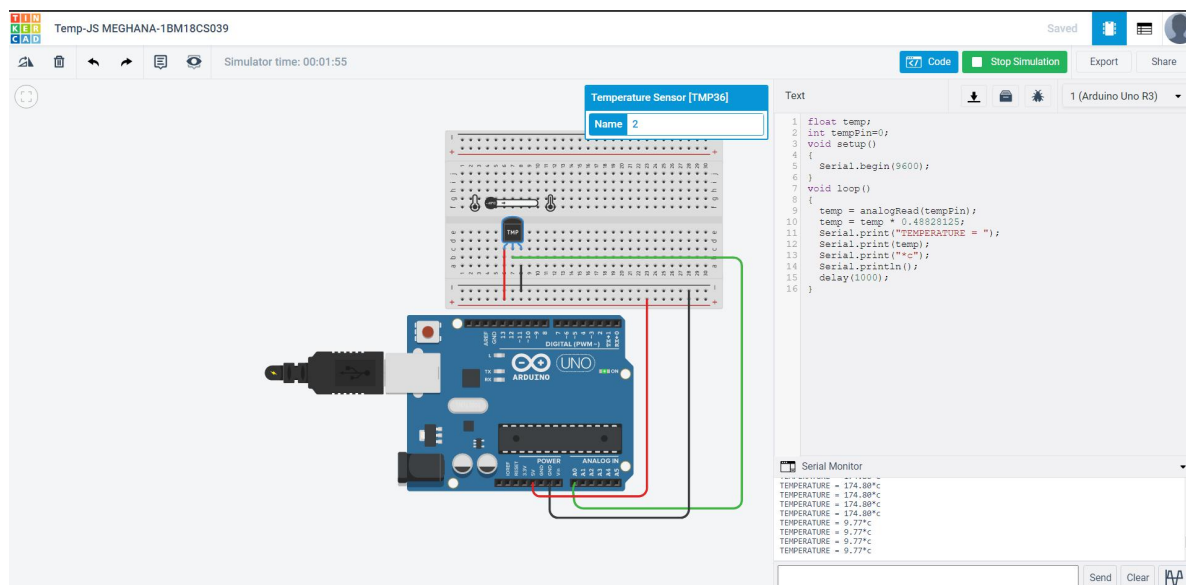
Code:

```
float temp;
int tempPin=0;
void setup()
{
  Serial.begin(9600);
}
void loop()
{
  temp = analogRead(tempPin);
  temp = temp * 0.48828125;
  Serial.print("TEMPERATURE = ");
```

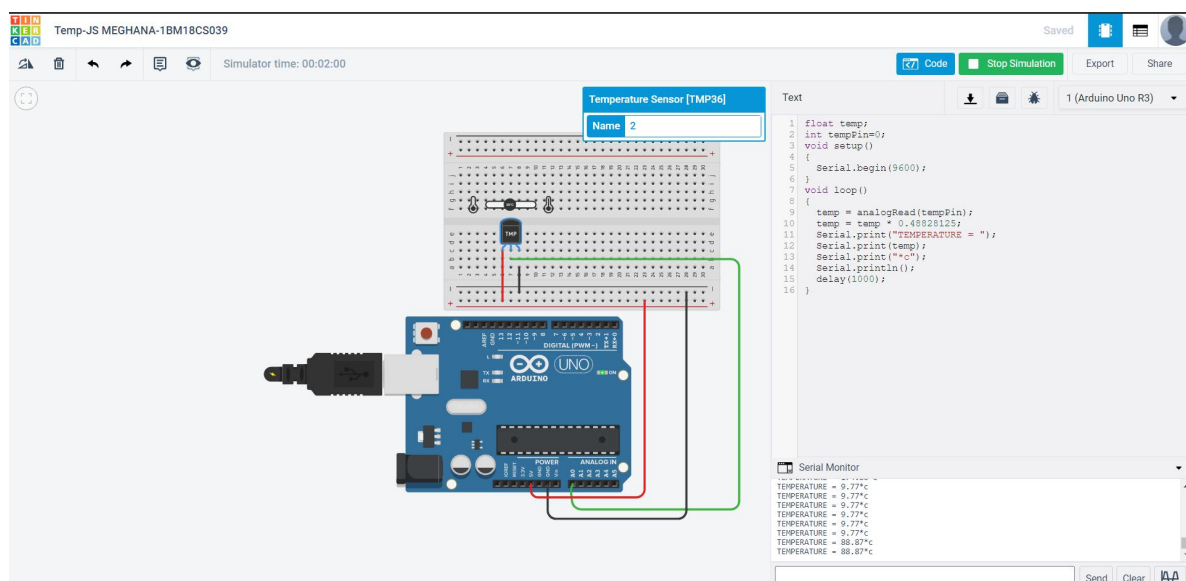
```
Serial.print(temp);
Serial.print("*c");
Serial.println();
delay(1000);
}
```

Observation /Output

Output-1



Output-2



Output-3

