IOT Home automation assessment

Code:

```cpp
// C++ code
//
float temp;

void setup()
{
  pinMode(6,INPUT);

  pinMode(12,OUTPUT);

  Serial.begin(9600);

}


void loop()
{
  if(digitalRead(6)==HIGH){

    tone(12,523,1000);

    Serial.println("Unknown detected");

  }
  else{

  noTone(12);

  }
  temp=analogRead(A1);

  temp=temp*0.48828125;
```

```
if(temp>=110.84){

  tone(12,100,2000);

  Serial.print("Above 60 c Temperature...");

 }

 else{

  noTone(12);

 }

}
```
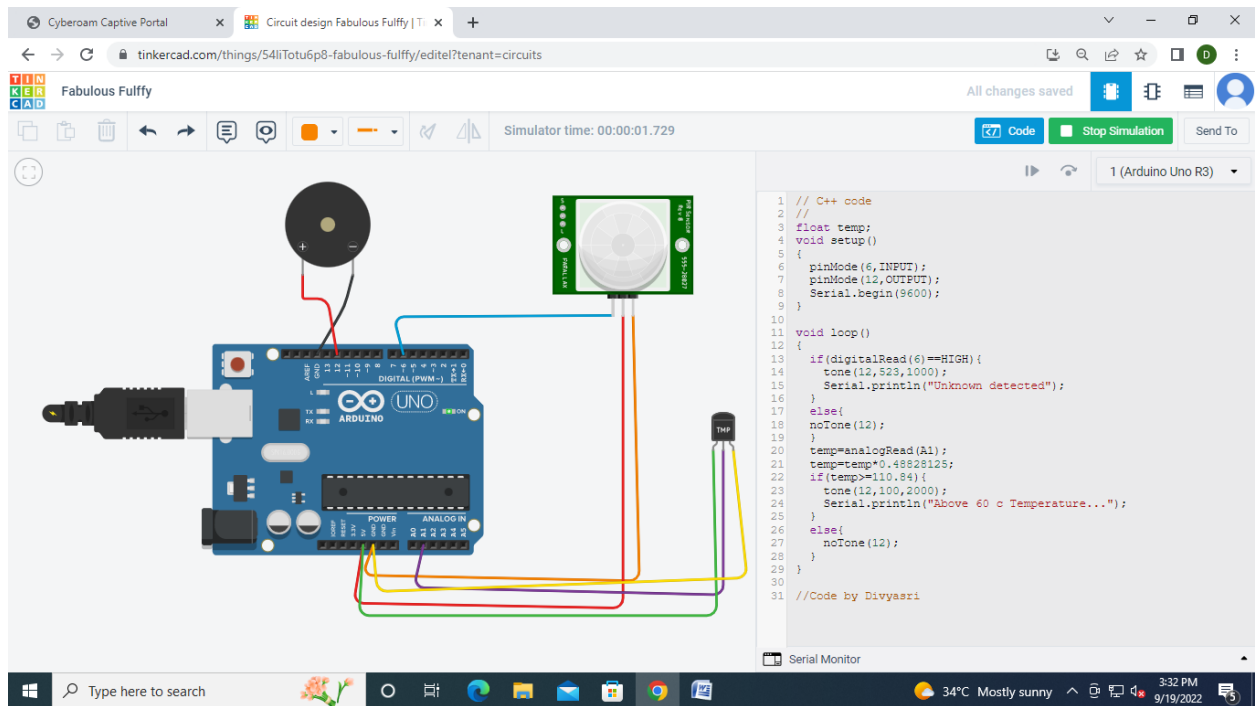
Circuit Diagram:

Output:

PIR Sensor

Temperature Sensor