

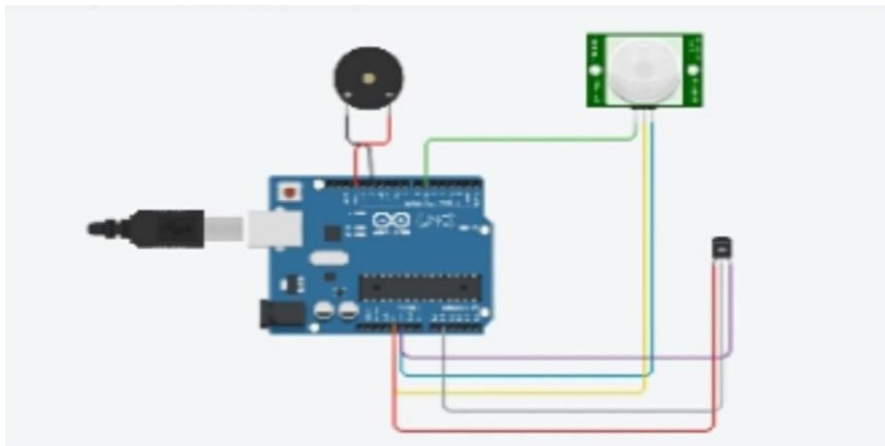
IBM ASSIGNMENT-1

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BUILD A SMART HOME IN TINKERCAD

CIRCUIT LAYOUT:



CODE:

```
// 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);
    }
  }

```

OUTPUT :

