IBM ASSIGNMENT-1

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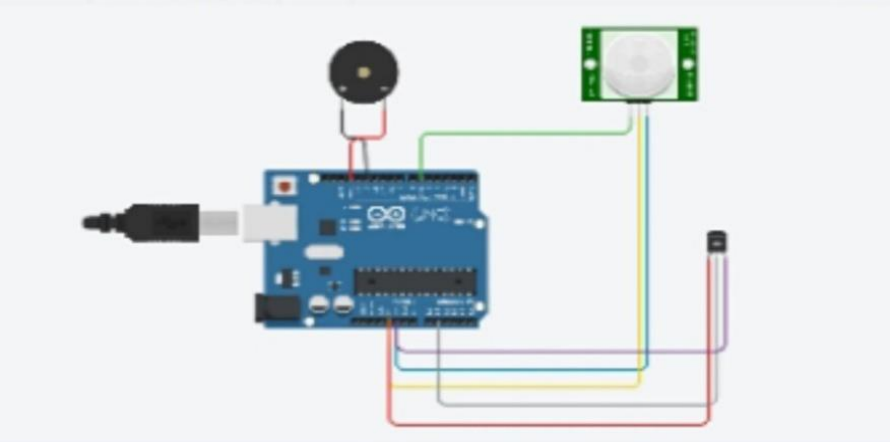
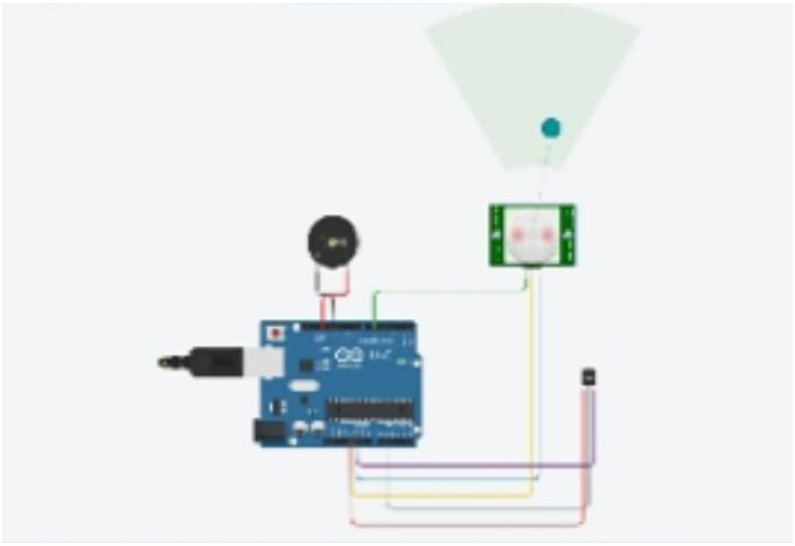
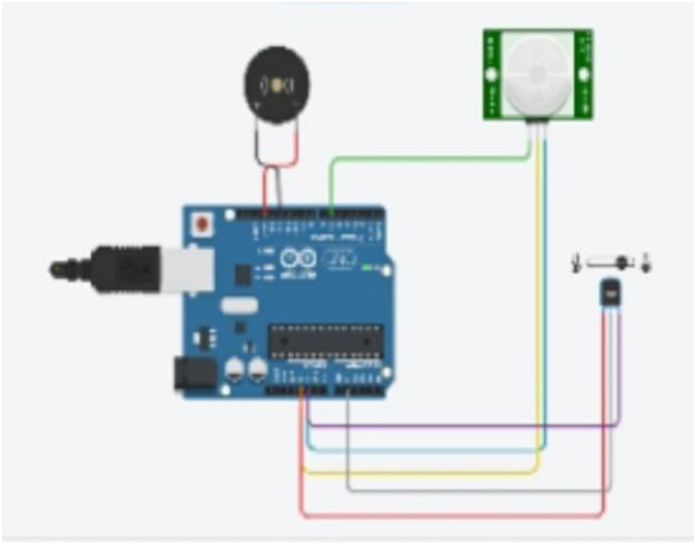
BUILD A SMART HOME IN TINKERCAD

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 :