**ASSIGNMENT – I**

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**QUESTION:** Make a smart home in Tinker kart, using 2+ sensors,led,buzzer in sing code and circuite.

**CODE:**

// C++ code

//

void setup()

{

pinMode(12, OUTPUT); pinMode(2,OUTPUT);

}

void loop()

{

int m=digitalRead(8); double a=analogRead(A1); double v=a/1024;

double tvolt=v\*5; double o=tvolt-0.5; double t=o\*100; if(t>50)

{

digitalWrite(2, HIGH);

}

else

{

digitalWrite(2, LOW);

}

if(m==1)

{

digitalWrite(12, HIGH);

}

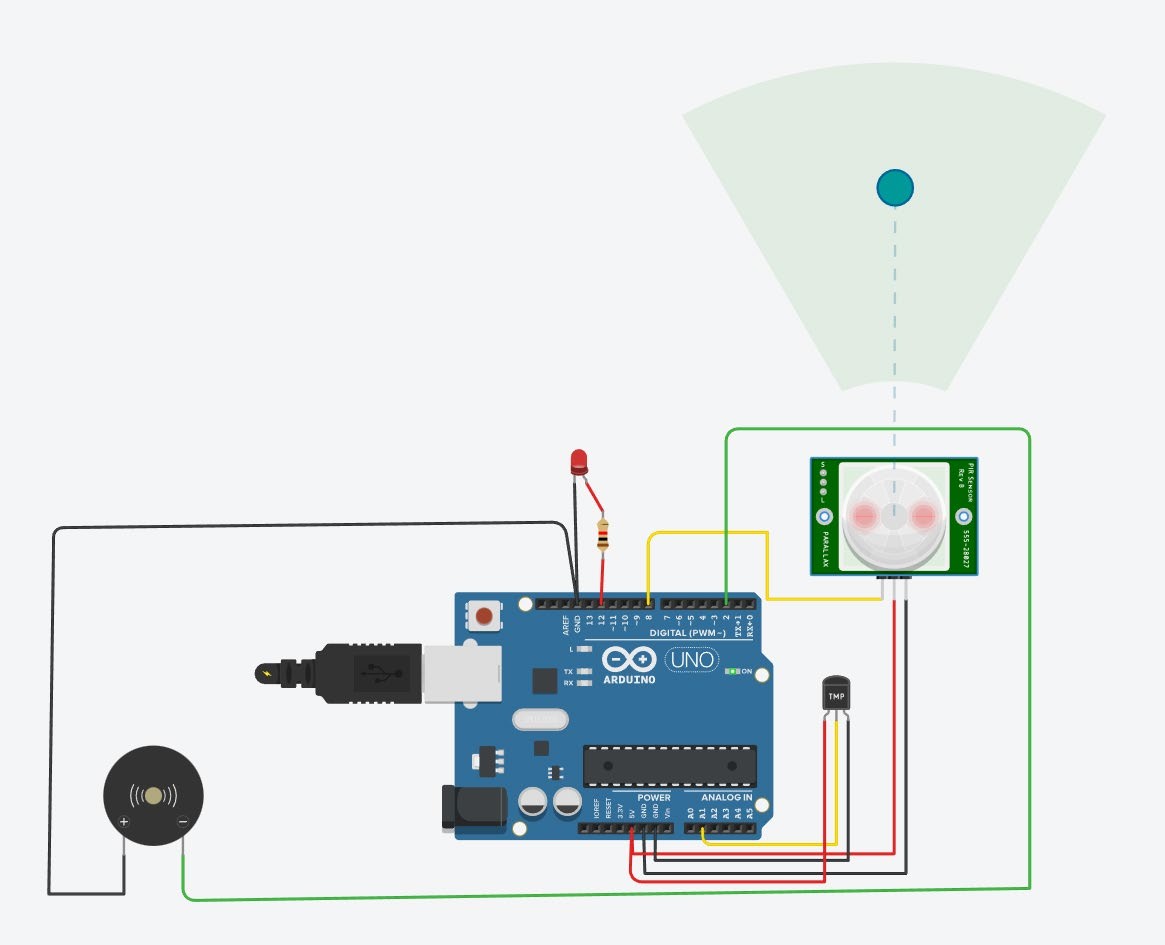
else

{

digitalWrite(12, LOW);

}

}

OUTPUT: