

**Assignment -
I
C
Programming**

Assignment Date	12 September 2022
Student Name	RAHUL
Student Roll Number	727819TUCS153
Maximum Marks	2 Marks

Question-I:

Build a smart home not device using an audrino uno Microcontroller and attach at least 2 sensors.

Solution :

```
void setup()
{

    pinMode(13,OUTPUT);

    pinMode(2,INPUT);
}

void loop()
{

    if((digitalRead(2))&& (analogRead(A0) < 412))
    tone(13,13,100); //play a tone if motion is
    dectected else
    noTone(13);
}
```

Components

Used : 1.Pir

sensor

2. Photosesistor

Output :



