

HOME AUTOMATION USING IOT

19ECR041

GOVARTHANAN S

CODE FOR HOME AUTOMATION:

```
// C++ code
//
#include<Servo.h>

Servo s;

int buzz = 8;

void setup()
{
    Serial.begin(9600);
    pinMode(13, OUTPUT);
    pinMode(2, INPUT);
    pinMode(3, INPUT);
    pinMode(buzz,OUTPUT);
    s.attach(3);
}

void loop()
{
    int a=digitalRead(2);
    Serial.println(a);
    digitalWrite(13, LOW);
    if(a==1){
        Serial.println("MOTION DETECTED");
    }
}
```

```
digitalWrite(13, HIGH);  
    tone(buzz, 131);  
delay(350);  
noTone(buzz);  
delay(350);  
for(int i=180;i>=0;i--){  
    s.write(i);  
    delay(10);  
}  
}  
}
```

OUTPUT SCREENSHOT:

