MAIN CODE

#include<LiquidCrystal.h>

LiquidCrystal lcd(12,11,5,4,3,2);

int timetosend=1;

int count=0;

char phone\_no[]="8904168215";

void setup()

{

analogWrite(6,20);

lcd.begin(16,2);

Serial.begin(9600);

delay(2000);

Serial.println("AT+CMGF=1");

delay(200);

pinMode(7,INPUT);

pinMode(8,OUTPUT);

pinMode(10,OUTPUT);

pinMode(13,OUTPUT);

Serial.begin(9600);

}

void loop()

{

if(digitalRead(7)==HIGH)

{

Serial.begin(9600);

delay(2000);

Serial.println("AT");

Serial.print("ATD");

Serial.print(phone\_no);

Serial.println(";");

delay(20000);

Serial.println("ATH");

while(count<timetosend)

{

delay(1500);

Serial.print("AT+CMGS=\"");

Serial.print(phone\_no);

Serial.println("\"");

while(Serial.read()!='>');

{

Serial.print("ALERT... SOMEBODY KNOCKING YOUR DOOR !!");

delay(500);

Serial.write(0x1A);

Serial.write(0x0D);

Serial.write(0x0A);

delay(5000);

}

count++;

}

digitalWrite(8,HIGH);

digitalWrite(10,HIGH);

digitalWrite(13,HIGH);

Serial.println("ALERT!!!!!... SOMEBODY ENTERED TO YOUR AREA");

lcd.setCursor(0,0);

lcd.print("YOU ARE UNDER");

lcd.setCursor(0,1);

lcd.print("COVERAGE");

delay(50000);

}

if(digitalRead(7)==LOW)

{

digitalWrite(8,LOW);

digitalWrite(10,LOW);

digitalWrite(13,LOW);

Serial.println(" SAFE!!!... NO PROBLEM");

delay(5000);

}

}