//Dharshana S(711519bec022)

//LM35 temperature sensor

int LM35 =A0;

int buzzer=D1;

void setup() {

Serial.begin(9600) ;

pinMode(buzzer, OUTPUT) ;

}

void loop () {

float Imvalue=analogRead(LM35) ;

float tempr=(Imvalue\*500) /1023;

Serial.printIn(tempr);

//condition

if(tempr>60) {

digitalWrite(buzzer,HIGH);

}

else{

digitalWrite(buzzer,LOW);

}

delay(200) ;

}