Assignment no 11

Aim:- Write a program using piezo element and use it to play a tune after someone knocks.

Code :

// C++ code

//

int buzzer = 8;

int Celsius = 0;

void setup()

{

pinMode(INPUT, A0);

Serial.begin(9600);

}

void loop()

{

Celsius = map(((analogRead(A0) - 20) \* 3.04), 0, 1023, -40, 125);

if(Celsius >=32 ){

tone(buzzer, 2000);

delay(1000);

}else{

noTone(buzzer);

}

}

Output :

