



CODE:

```
int pirsensor =5;

int buzzer =13;
int pirvalue =0;
float temperature=A1;
float analog;
float voltage;
float celcius;

void setup()
{
  pinMode(pirsensor, INPUT);
  pinMode(temperature, INPUT);
  pinMode(buzzer, OUTPUT);
  Serial.begin(9600);
}

void loop()
{
  analog=analogRead(temperature);

  voltage=analog*5.0/1023;
  celcius=(voltage-0.5)*100.0;

  Serial.print("temperature:");
  Serial.println(celcius);
  if (celcius >=60)
  {

    tone(buzzer, 200, 100);

  }
  delay(100);

  pirvalue = digitalRead(pirsensor);

  if (pirvalue == HIGH)
  {

    tone(buzzer, 1000, 500);

  }

  delay(100);
}
```

