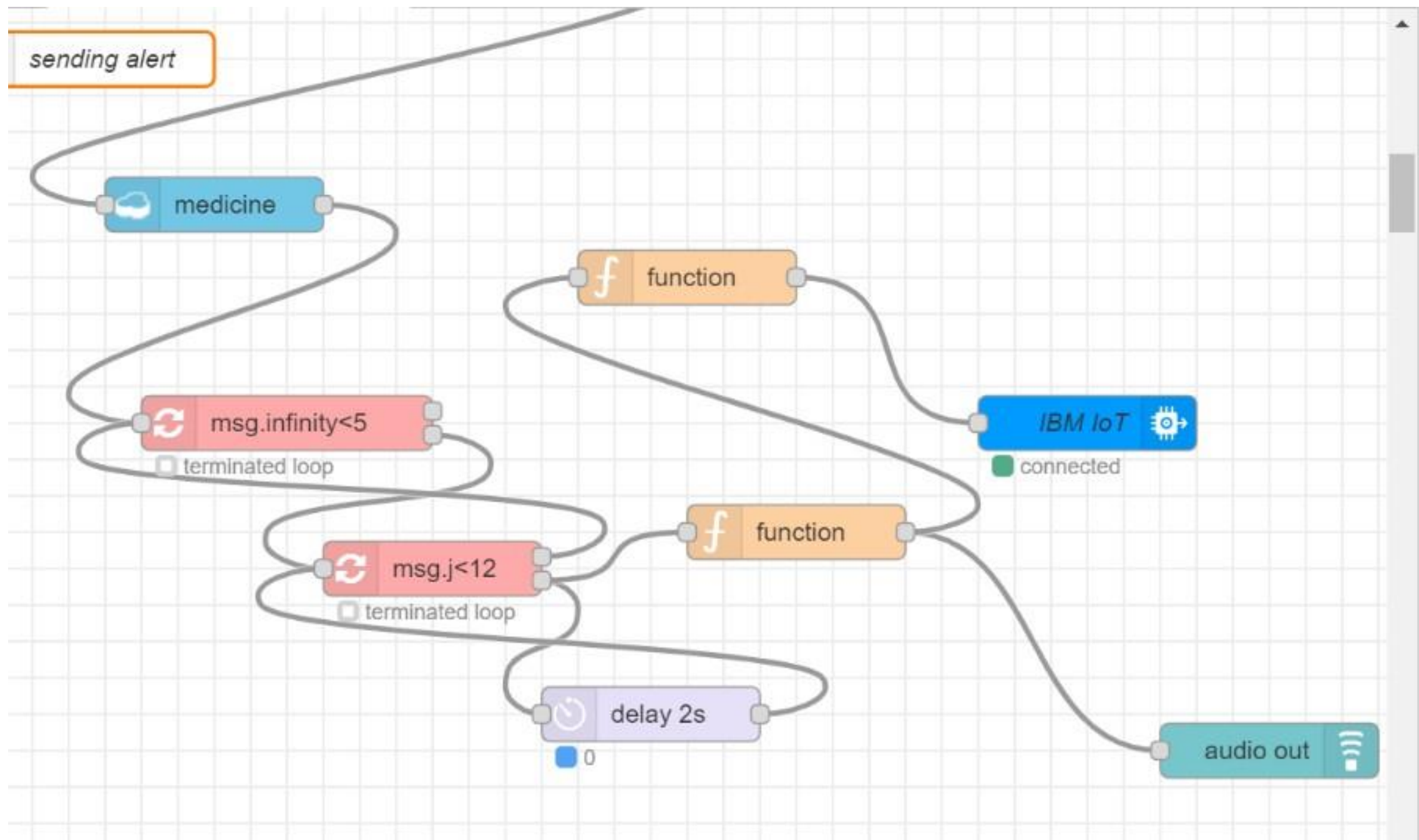# SPRINT-3

Create aTexttoSpeechalertandplaythealertwhenthetimematchesthemedicinetakingtimein CloudantDBandalsoitsendscommand" command" :" alert" inIBMIOTwatson

```
1    #include <WiFi.h>//library for wifi
2    #include <PubSubClient.h>//library for MQtt
3    #include "DHT.h"// Library for dht11
4    #define DHTPIN 15      // what pin we're connected to
5    #define DHTTYPE DHT22
6    DHT dht (DHTPIN, DHTTYPE);// creating the instance by passing pin and typ
7
8    void callback(char* subscribetopic, byte* payload, unsigned int payloadL
9
10   //-------credentials of IBM Accounts------
11
12   #define ORG "p50fid"//IBM ORGANITION ID
13   #define DEVICE_TYPE "abcd"//Device type mentioned in ibm watson IOT Plat
14   #define DEVICE_ID "1234"//Device ID mentioned in ibm watson IOT Platform
15   #define TOKEN "12345678"    //Token
16   String data3;
17   float v;
18
19   //-------- Customise the above values --------
20   char server[] = ORG ".messaging.internetofthings.ibmcloud.com";// Server
21   char publishTopic[] = "iot-2/evt/Data/fmt/json";// topic name and type o
22   char subscribetopic[] = "iot-2/cmd/command/fmt/String";// cmd  REPRESENT
23   char authMethod[] = "use-token-auth";// authentication method
24   char token[] = TOKEN;
25   char clientId[] = "d:" ORG ":" DEVICE_TYPE ":" DEVICE_ID;//client id
26
27
```
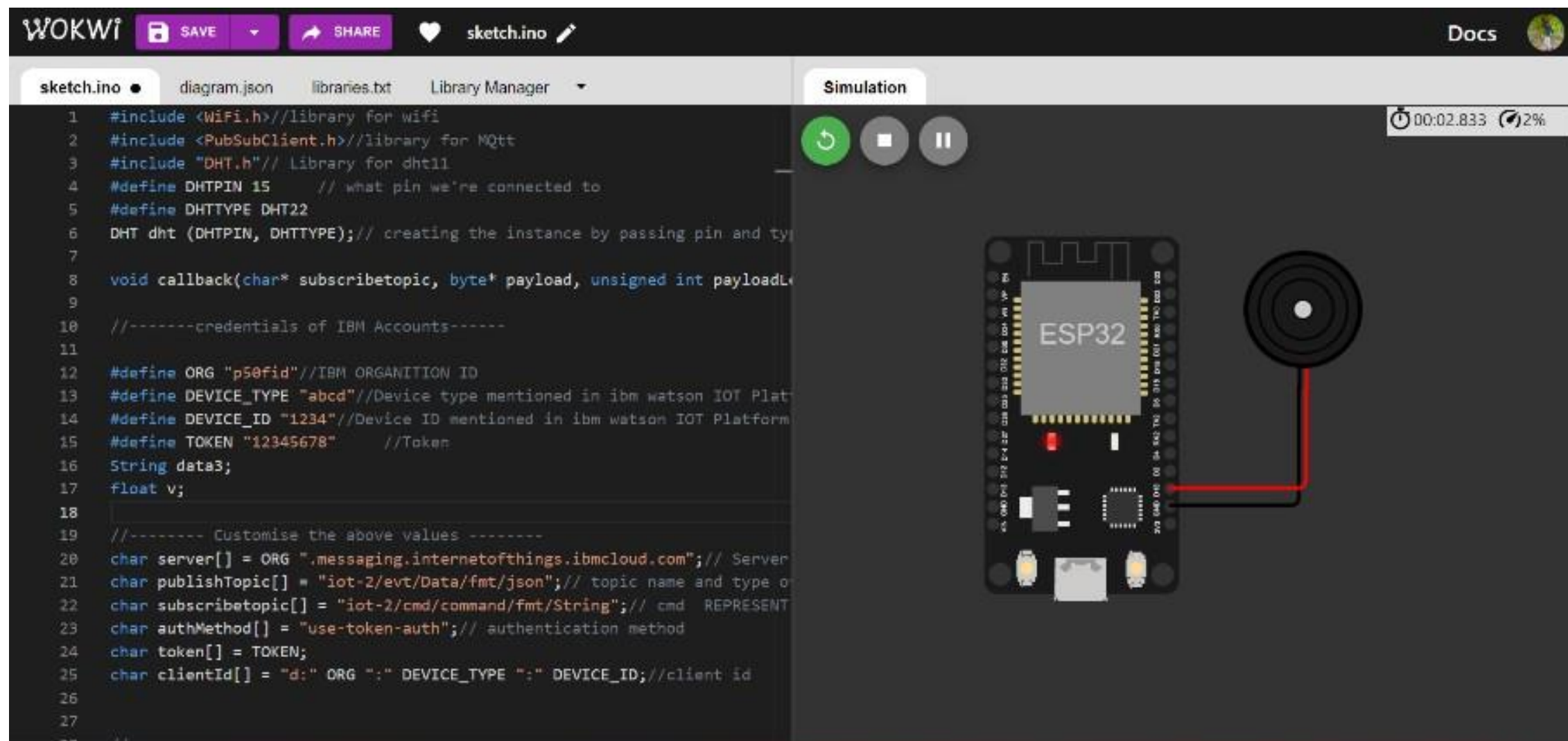
OnceBuzzerplaystheeventwillsendtoIBMIOTWatson