File-1: Upload it for Hot Circuit

File-2: Upload it for Cold Circuit

File-3: Upload it for Local Base Station

File-4: Upload it for Tx side LoRa module (the module which is with local base)

File-5: Upload it for Rx side LoRa module (the module which is with main base)

Note for File-1 and 2:

#define SLEEP\_TIME: sleep cycle ( at present 20 second)

char UUID[37]: unique address for each circuit ( unique for both hot and cold)

You can modify other parameters too see the impact such as value in  
 #define SAMPLES\_PER\_READING

Note for File-3:

How to add more circuits (both hot and cold):

1. Increase SENSOR\_COUNT

2. Add new UUIDs to UUIDs array

3. Add new service and update bcs array

4. Add new characteristic and update bcc array

How to define sleep and active periods:

unsigned long sleepDuration = 120000; // 120 seconds in milliseconds

unsigned long wakeDuration = 30000; (this must be greater than each hot/cold circuit’s sleep cycle)

Note for File-4 and 5:

Keep same value for power in both Tx and Rx module: rf95.setTxPower(15, false);