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# 1. nRF52840 Zephyr BLE client

Usually, the BLE client role plays some user device eg. mobile phone, tablet or computer. In IoT systems sometimes BLE is used for M2M (machine-to-machine) data transmission. In such a situation an automatic BLE client must be implemented to connect to the peripherals and read the data eg. coming from BLE-capable sensors. BLE client must be configured to connect to the peripheral which exposes some specific service and characteristic. To do the lab exercise there is a need to create the peripheral device first.

## 1.1. BLE Health Temperature peripheral

The default Health Temperature example is sufficient to make the laboratory. How to import the project, flash, and execute is shown in [1)].

1)

en:edu:zmitac:s2:aih:lab:nrf52zephyrbleperipheral

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