Code Snippets:

LED:

```
const wpi = require('wiring-pi');
const LEDPin = 4;
wpi.setup('wpi');
wpi.pinMode(LEDPin, wpi.OUTPUT);
wpi.digitalWrite(LEDPin, 1);
console.log('LED is ON');
```

Collect Sensor Data:

```
Collect Sensor Data
const BME280 = require('bme280-sensor');
const BME280_OPTION = {
i2cBusNo: 1,
i2cAddress: BME280.BME280_DEFAULT_I2C_ADDRESS()
};
var sensor = new BME280(BME280_OPTION);
console.log("Starting BME280...");
sensor.init()
.then(function () {
console.log("BME280 initialized");
return sensor.readSensorData();
})
.then(function (data) {
```

```
console.log("RAW SENSOR DATA:");

console.log(JSON.stringify(data));

//{"temperature_C":21.70183084444768,"humidity":75.
49051898520844,"pressure_hPa":11.393

66324117944}

console.log(data.temperature_C);

})

.catch(function (err) {

console.error("BME280 ERROR:");

console.error(err.message || err);

});
```