# **TI-RSLK**

## Texas Instruments Robotics System Learning Kit





Activity: Wi-Fi



#### **Question 1**

How many packets does it take to send the request for weather?

### **Question 2**

What is the theoretical latency of your Wi-Fi data transfer? What is the real-world latency of your data transfer over Wi-Fi?

#### **Question 3**

For the Wi-Fi we made use of the SimpleLink SDK and TI-RTOS

**Part a)** What advantages did the RTOS bring to the project? What advantages does it bring when scaling new software?

**Part b)** To enable the TCP socket connection where data can be transferred what high level functions does the client have to do? What functions does the server have to do?

**Part c)** What is the order of priority for different threads? If you wanted to create a custom thread with priority, what type would that be?

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