Name: Alpanshu Kataria

Reg. No.: 18BCE1267

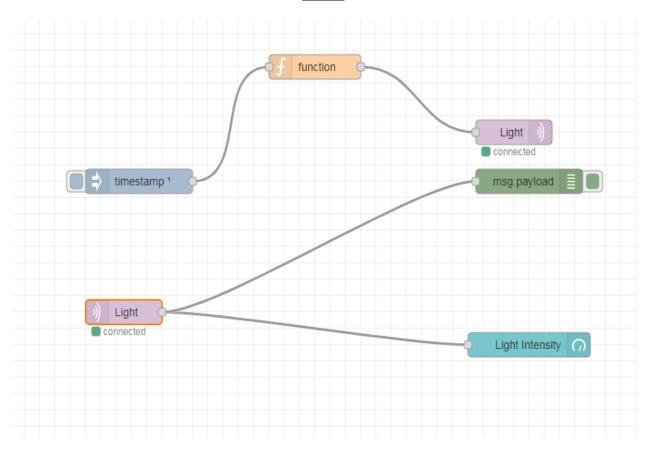
Faculty: Maheshwari R

ECE-3502 IoT Domain Analyst LAB

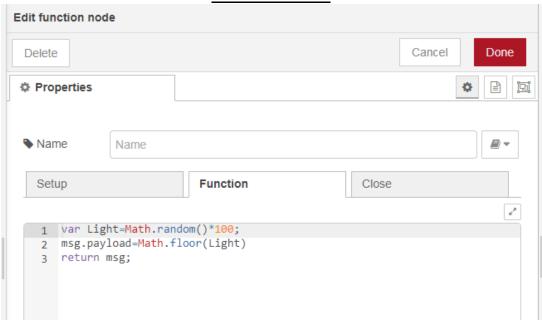
Lab 1

Using appropriate nodes in node red, measure the light intensity in the room and output data to the web API. Display the output in Debug Monitor , UI, and send the data through MQTT and display the output in HiveMQ.

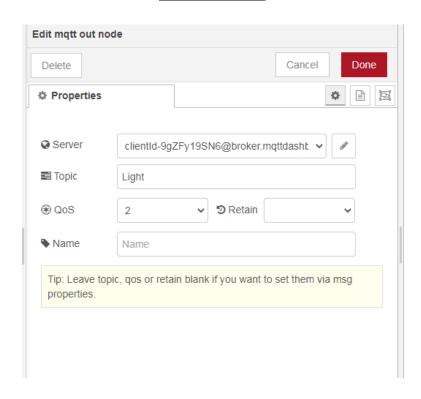
Flow:

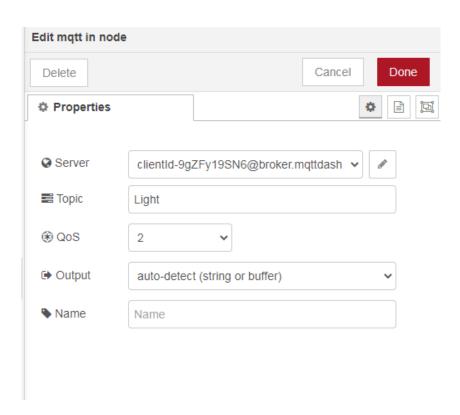


Function Node:



MQTT Nodes:





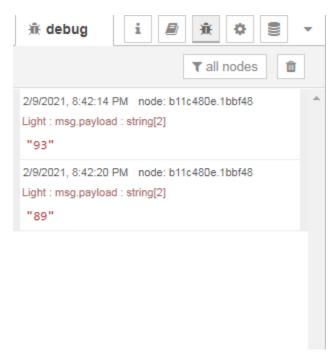
Debug Monitor:



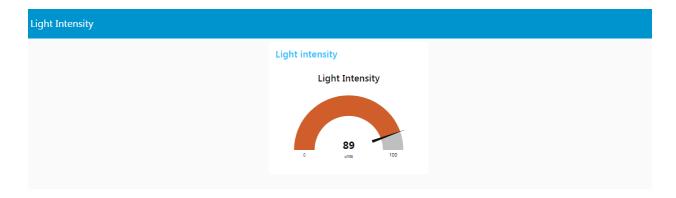
UI:



Debug Window:



Web UI:



Output in HiveMQ:

