**Name: Alpanshu Kataria**

**Reg. No. : 18BCE1267**

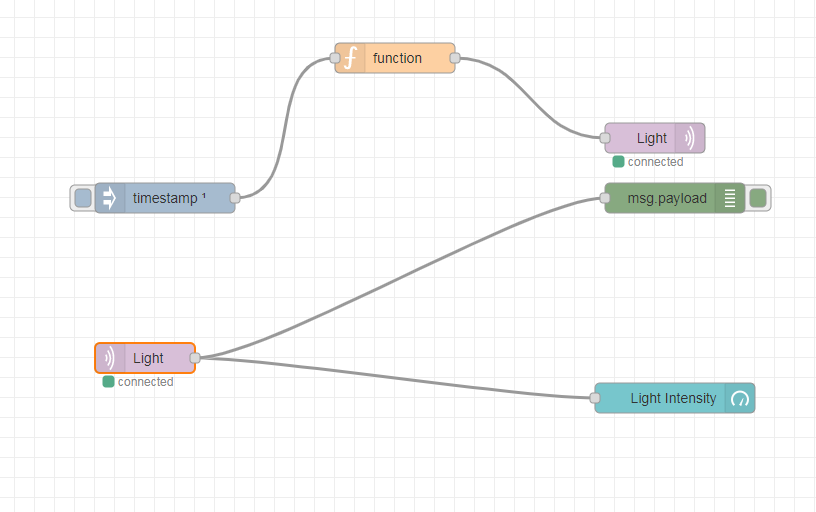
**Faculty: Maheshwari R**

**ECE-3502 IoT Domain Analyst LAB**

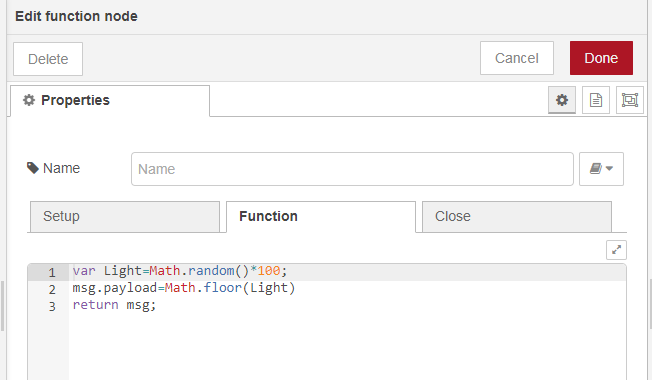
Lab 1

**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.**

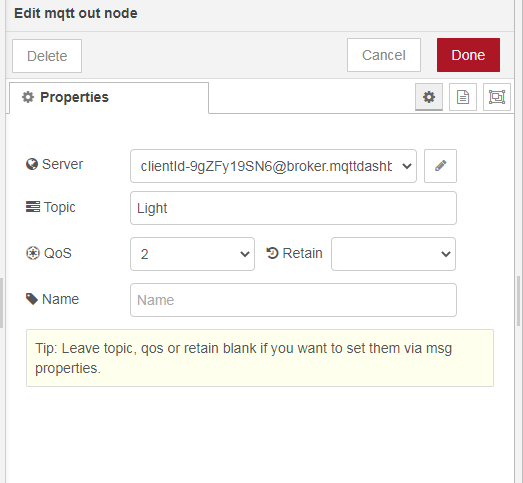
**Flow:**

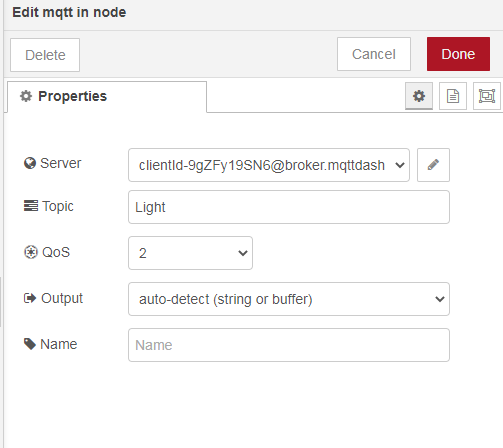


**Function Node:**

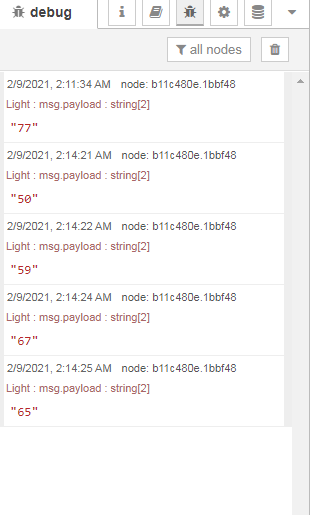


**MQTT Nodes:**

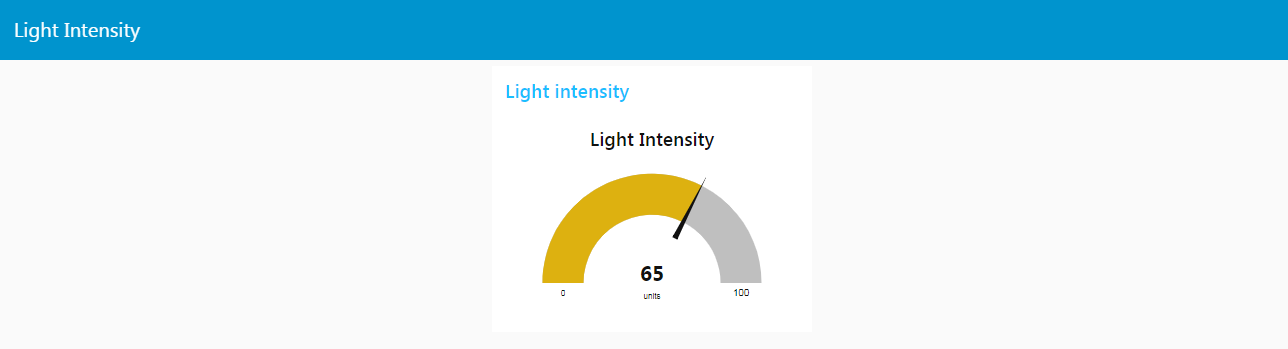




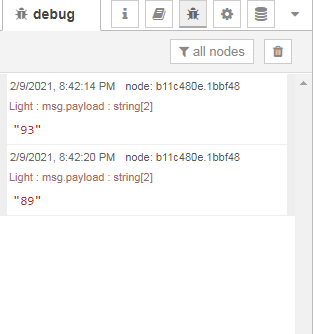
**Debug Monitor:**



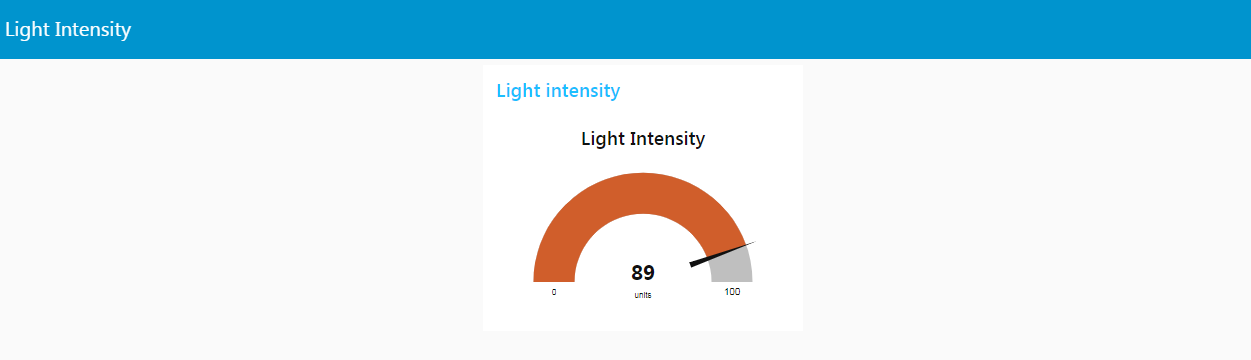
**UI:**



**Debug Window:**



**Web UI:**



**Output in HiveMQ:**

