SMARTBRIDGE – IOT EXTERNSHIP

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| **Reg No: 20BEC1159** | **Assignment 3** |

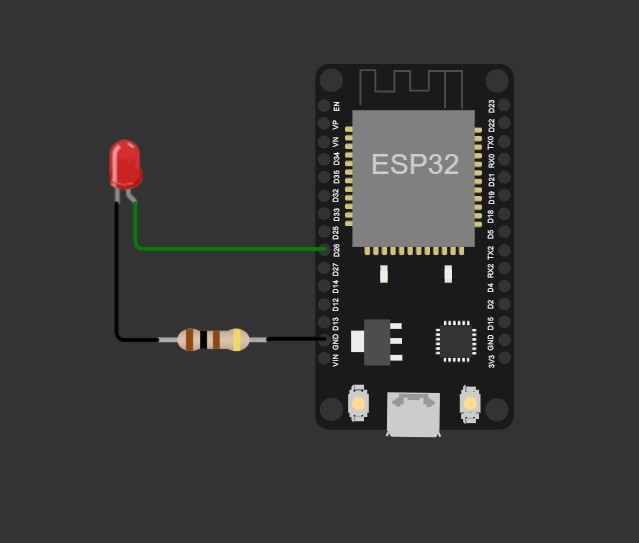
# TASK:

In Wokwi, add a LED and switch it ON and OFF from Node-Red.

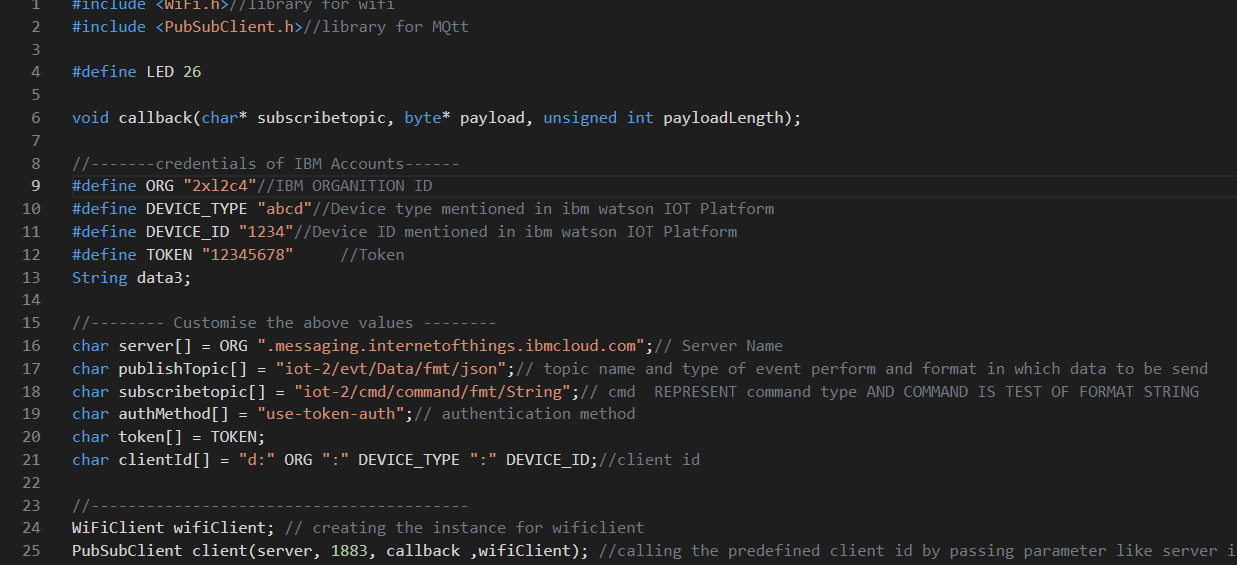
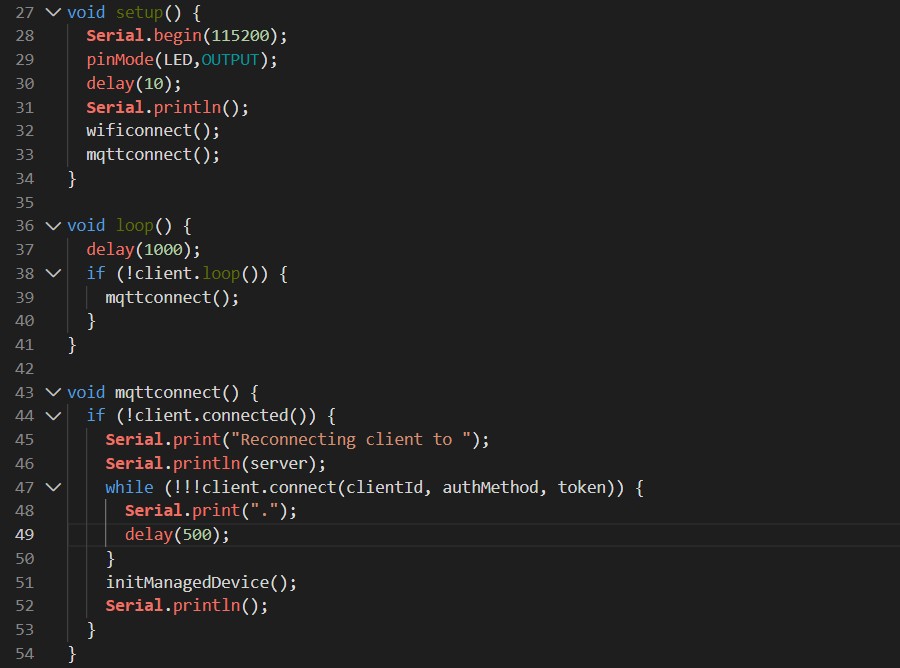
# LINK:

https://wokwi.com/projects/366877247067390977

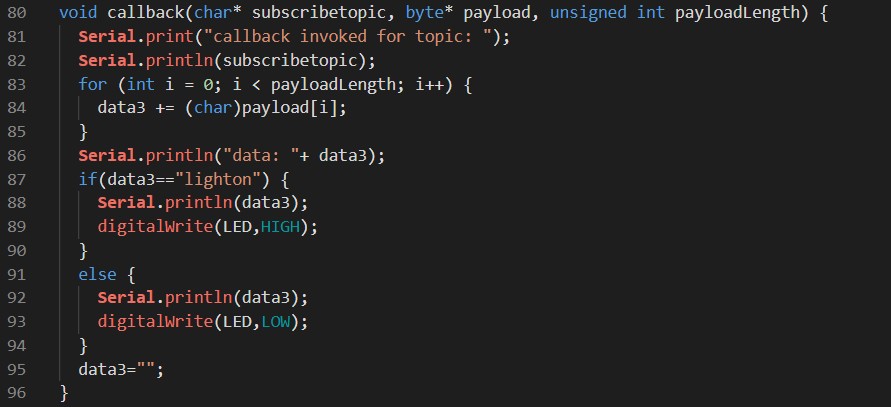
# CIRCUIT DIAGRAM:



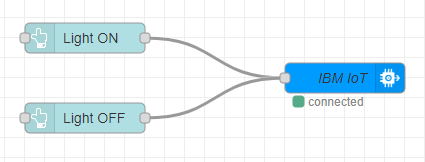
**CODE:**

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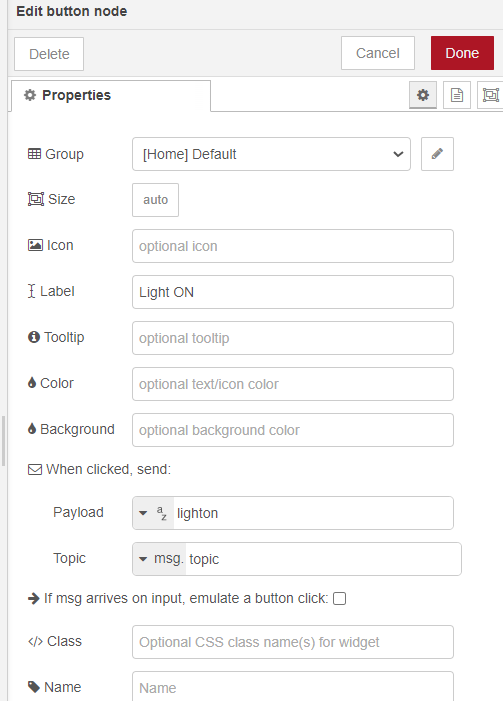


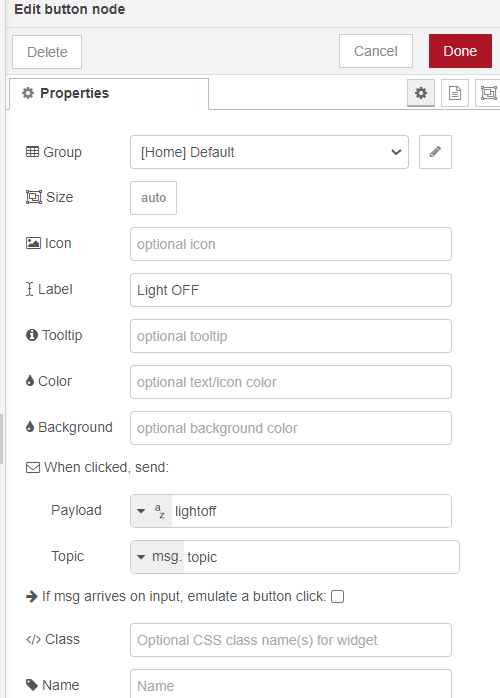


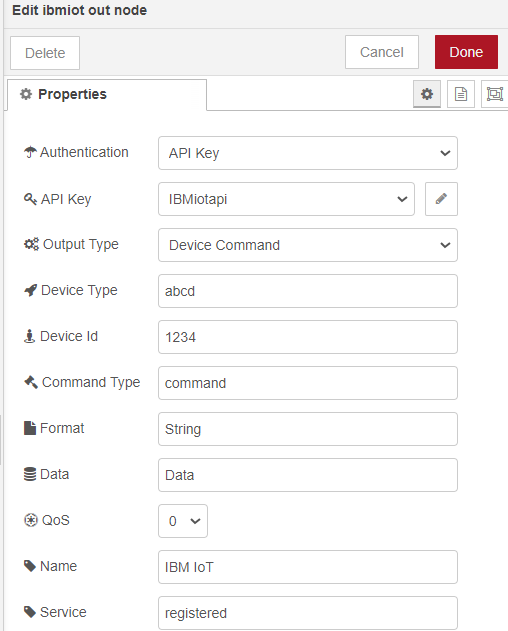
# NODE RED FLOW DIAGRAM:



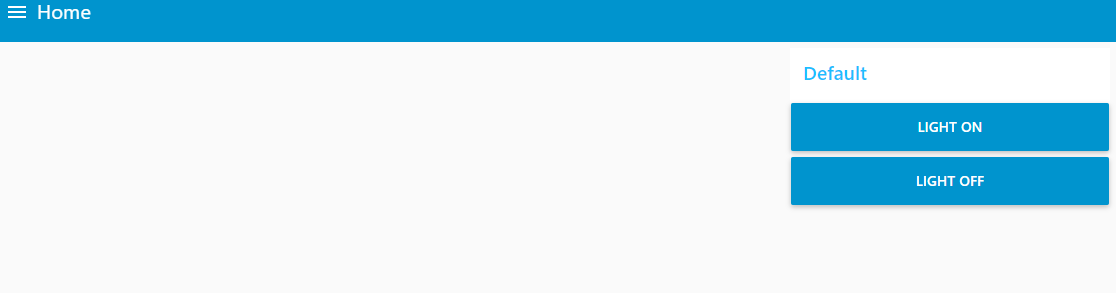
**NODE PROPERTIES:**





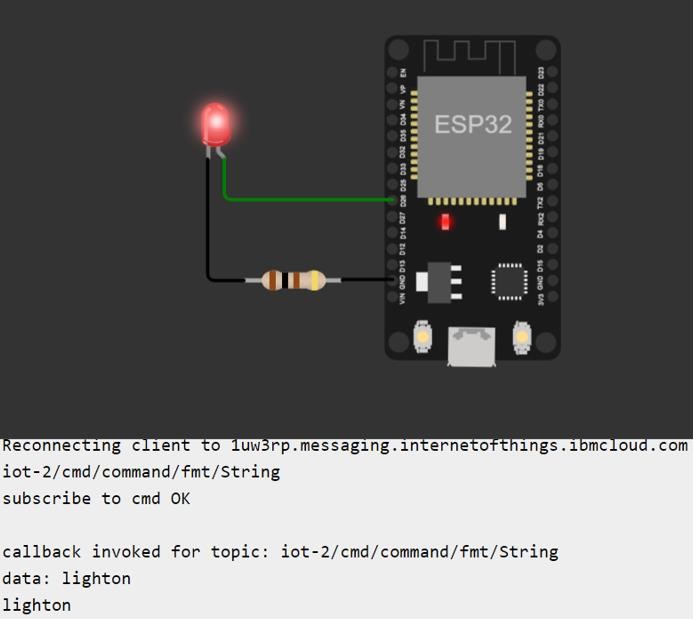


# NODE RED DASHBOARD:

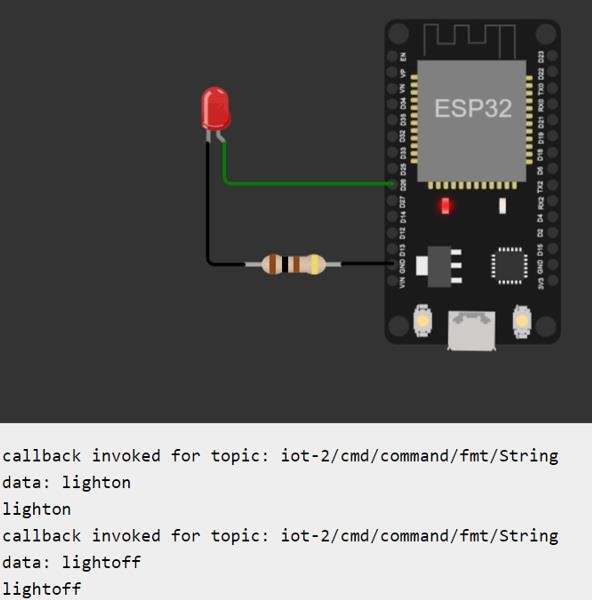


**OUTPUT:**

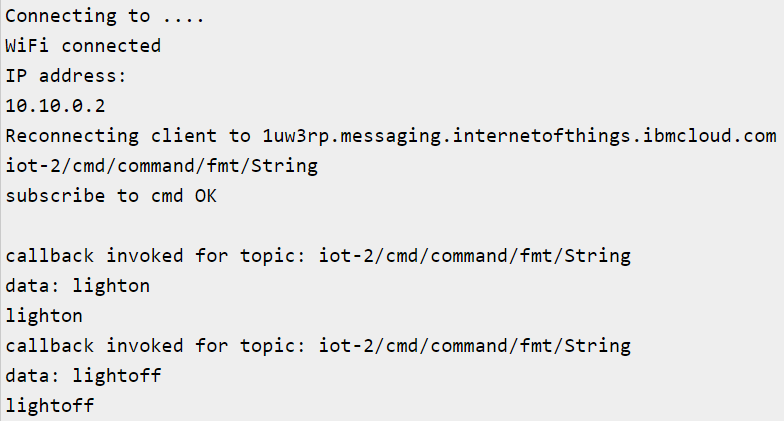
When “LIGHT ON” button is clicked on the dashboard-



When “LIGHT OFF” button is clicked on the dashboard-



Serial Monitor Output-



# RESULT:

The given task was implemented successfully.