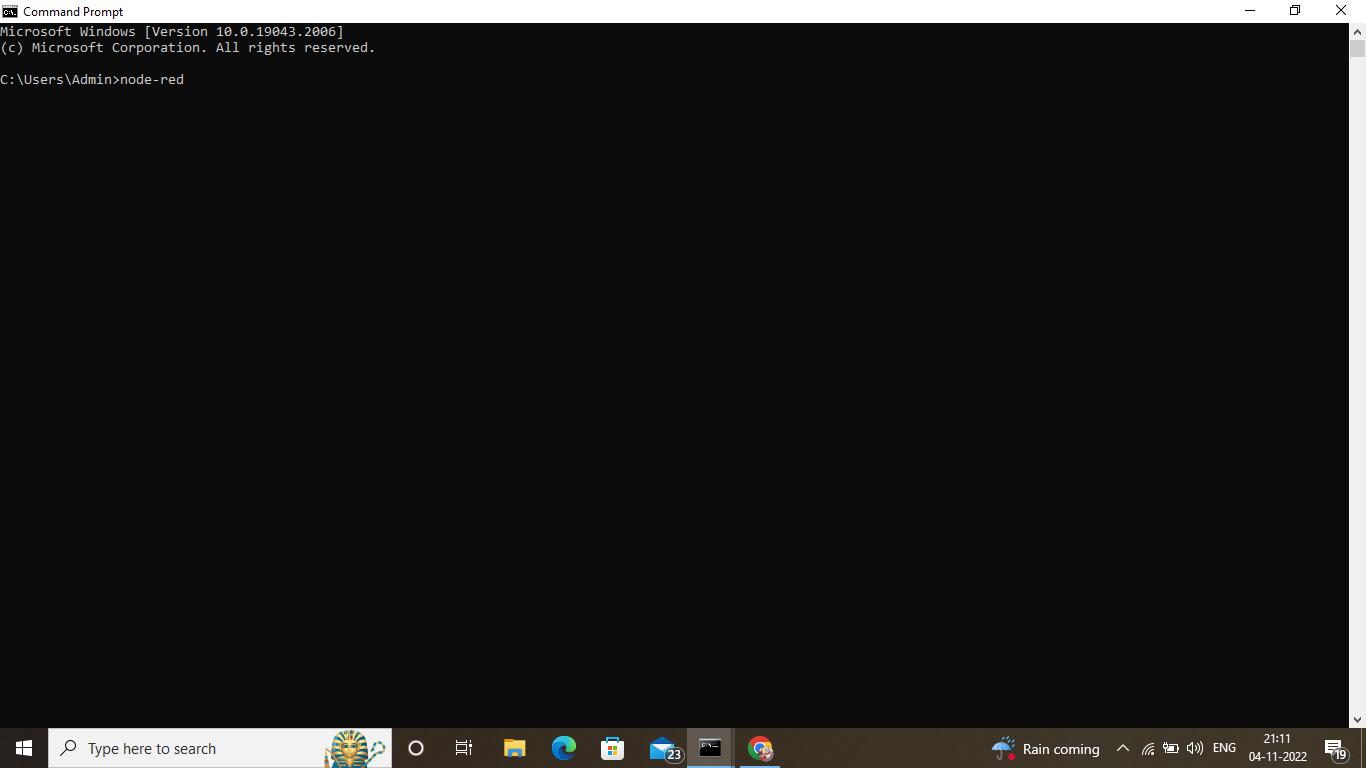
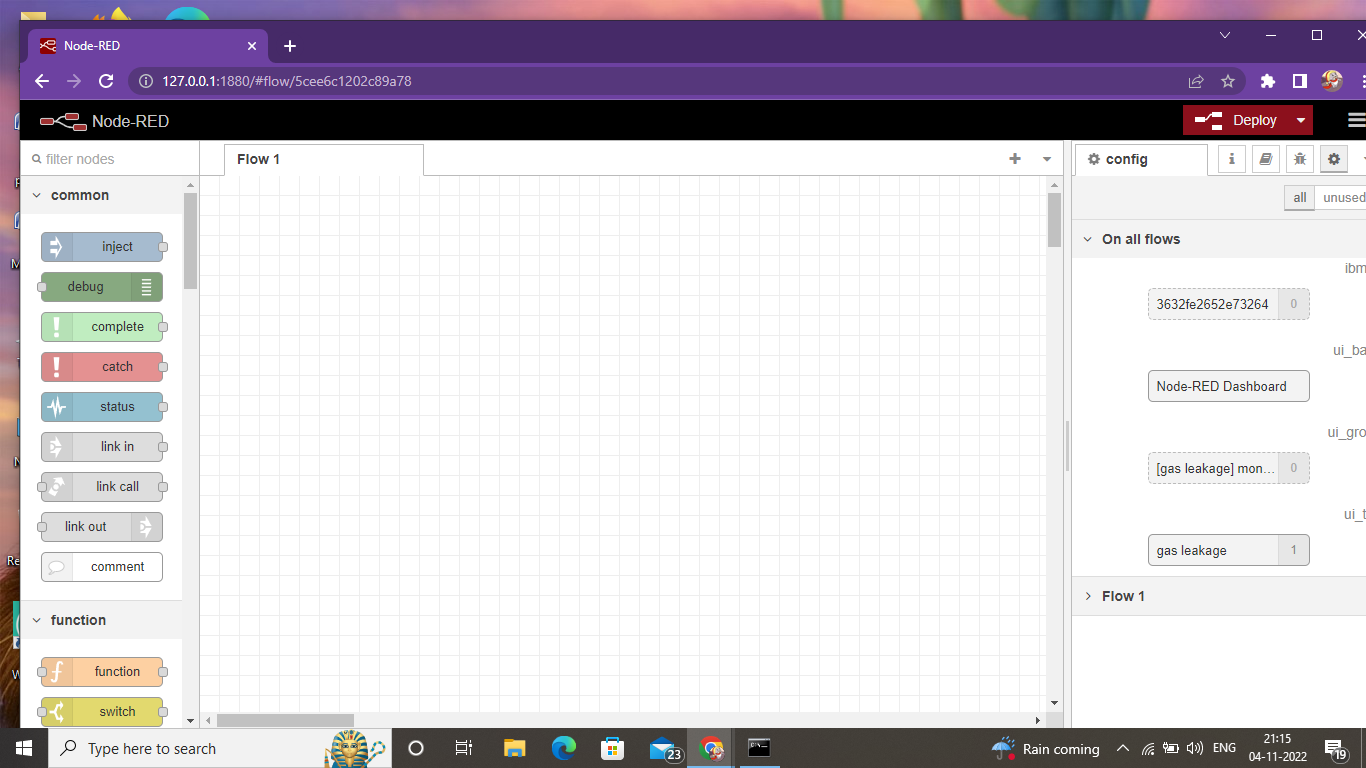
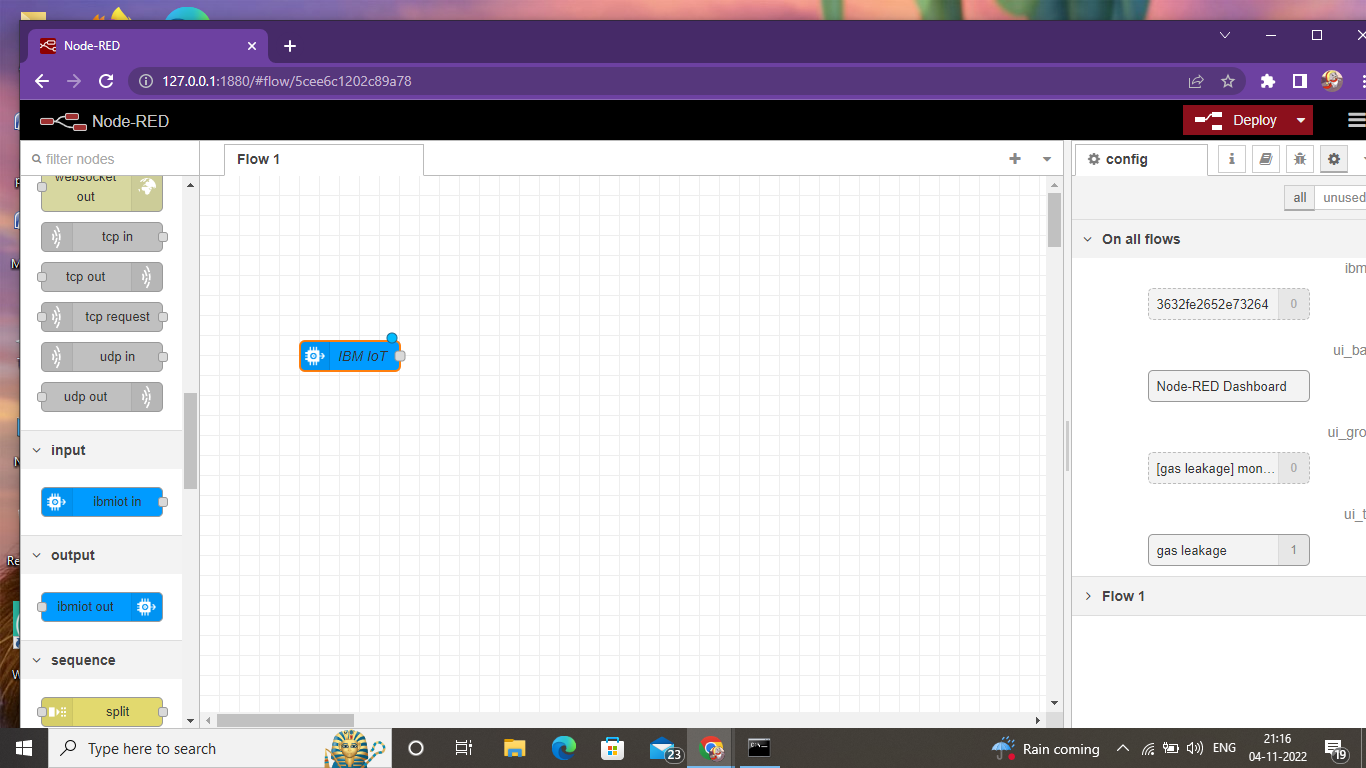
## *SPRINT- 2*

|  |  |
| --- | --- |
| ***DATE*** | 05 NOVEMBER 2022 |
| ***TEAM ID*** | PNT2022TMID47483 |
| ***PROJECT NAME*** | GAS LEAKAGE DETECTION AND ALERTING |
| ***MAXIMUM MARKS*** | 20 |

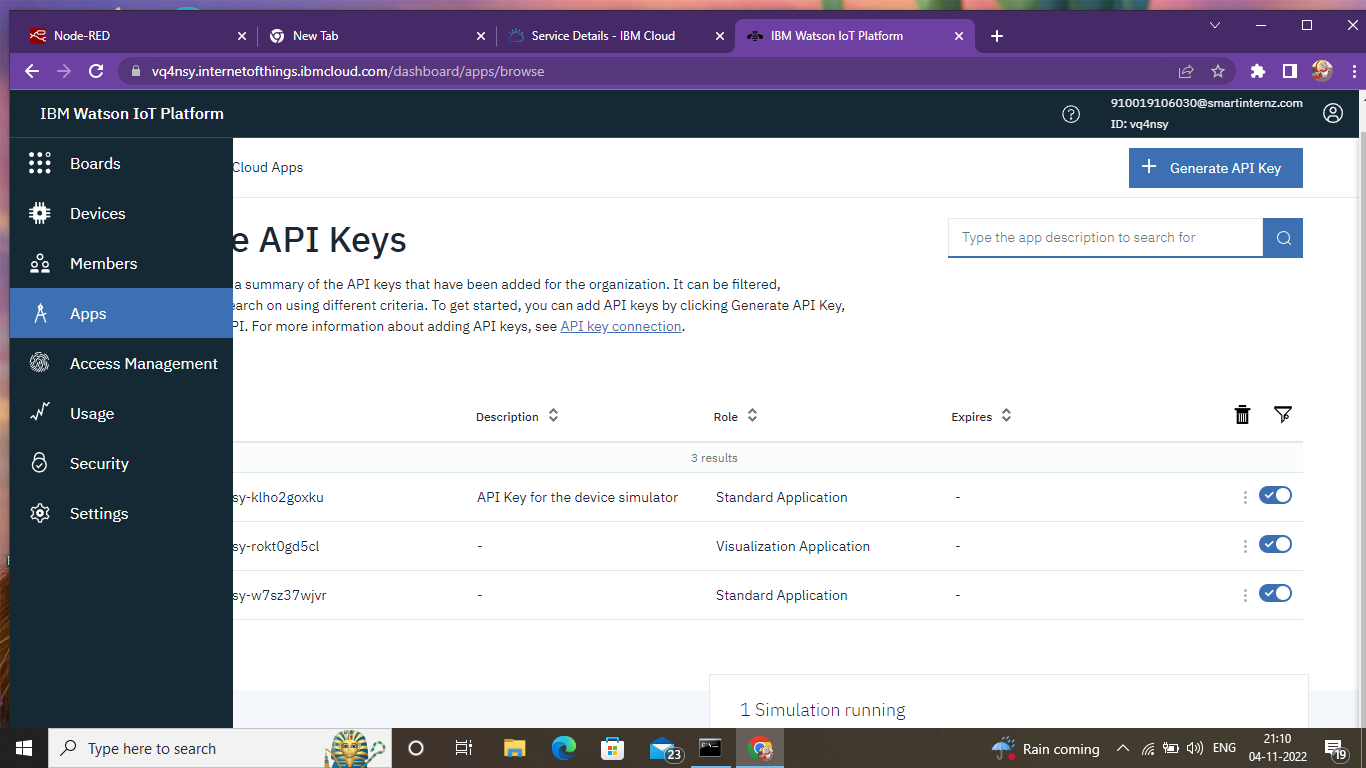
***Step1: Install node red and open node red in command prompt***



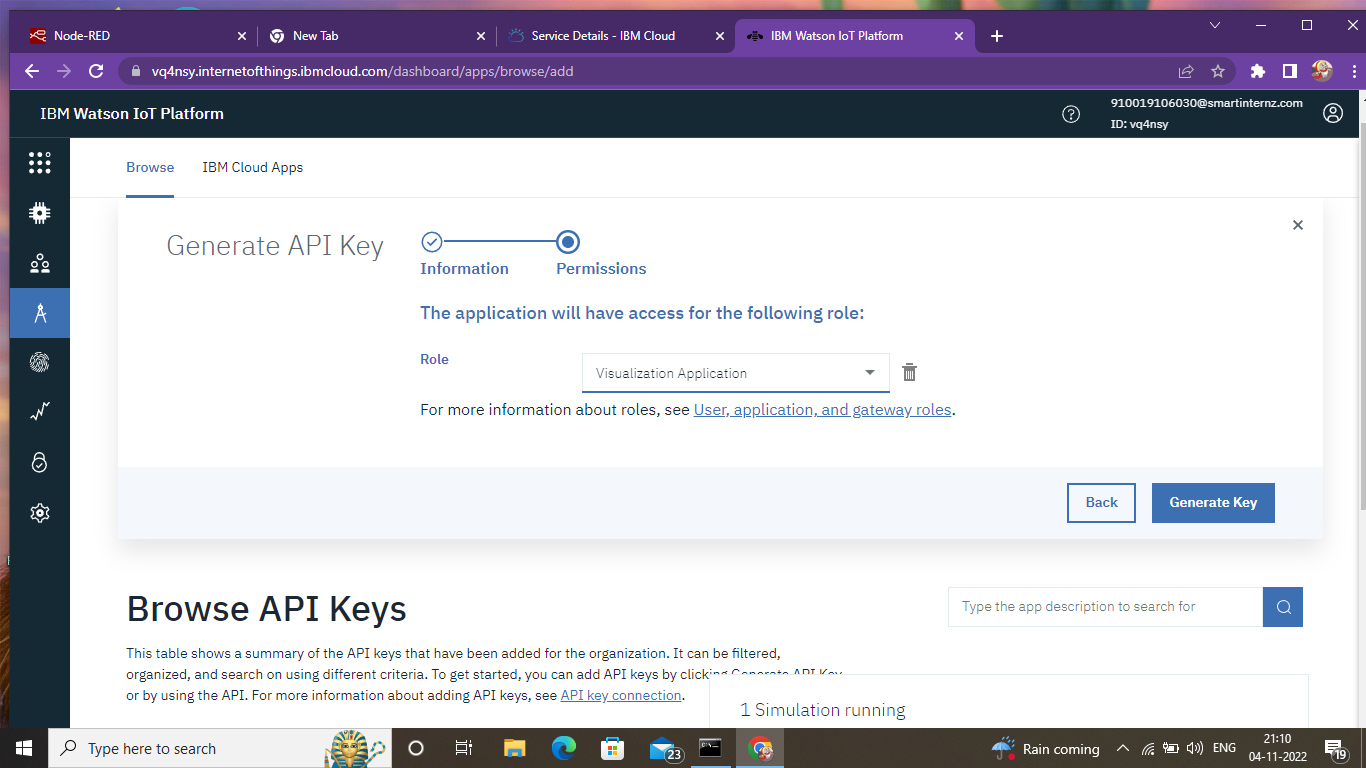
***Step 2: Select IBM IoT input in node***



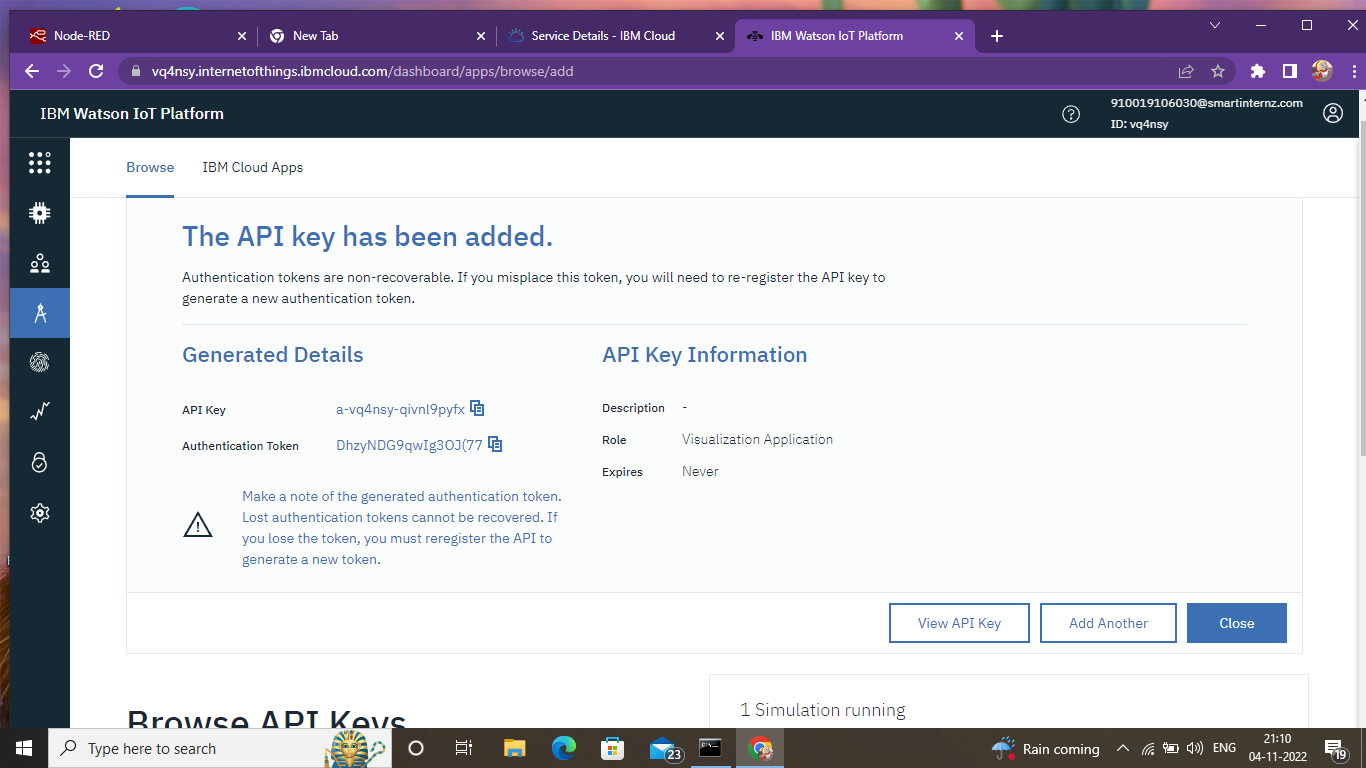
***Step 3: In IBM Watson platform, go to apps***



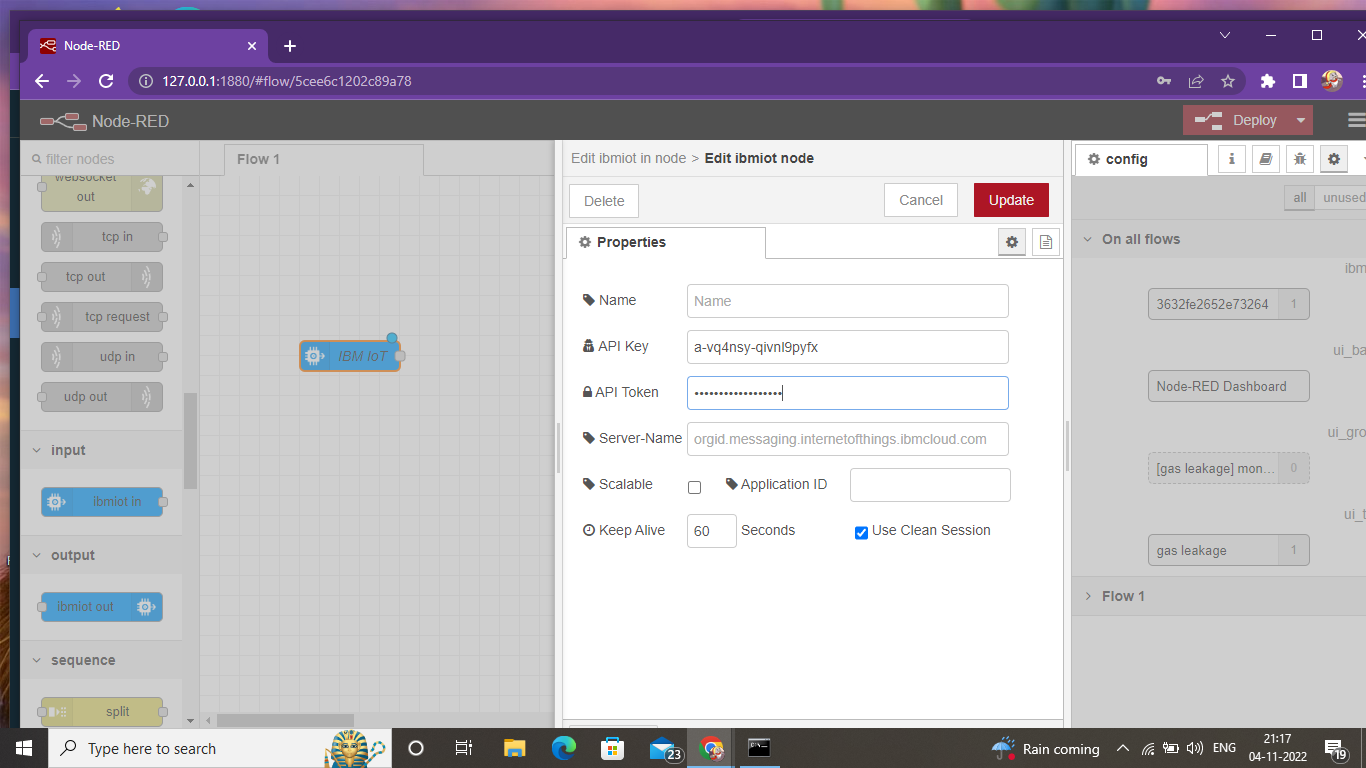
***Step 4: Click on generate API keys***

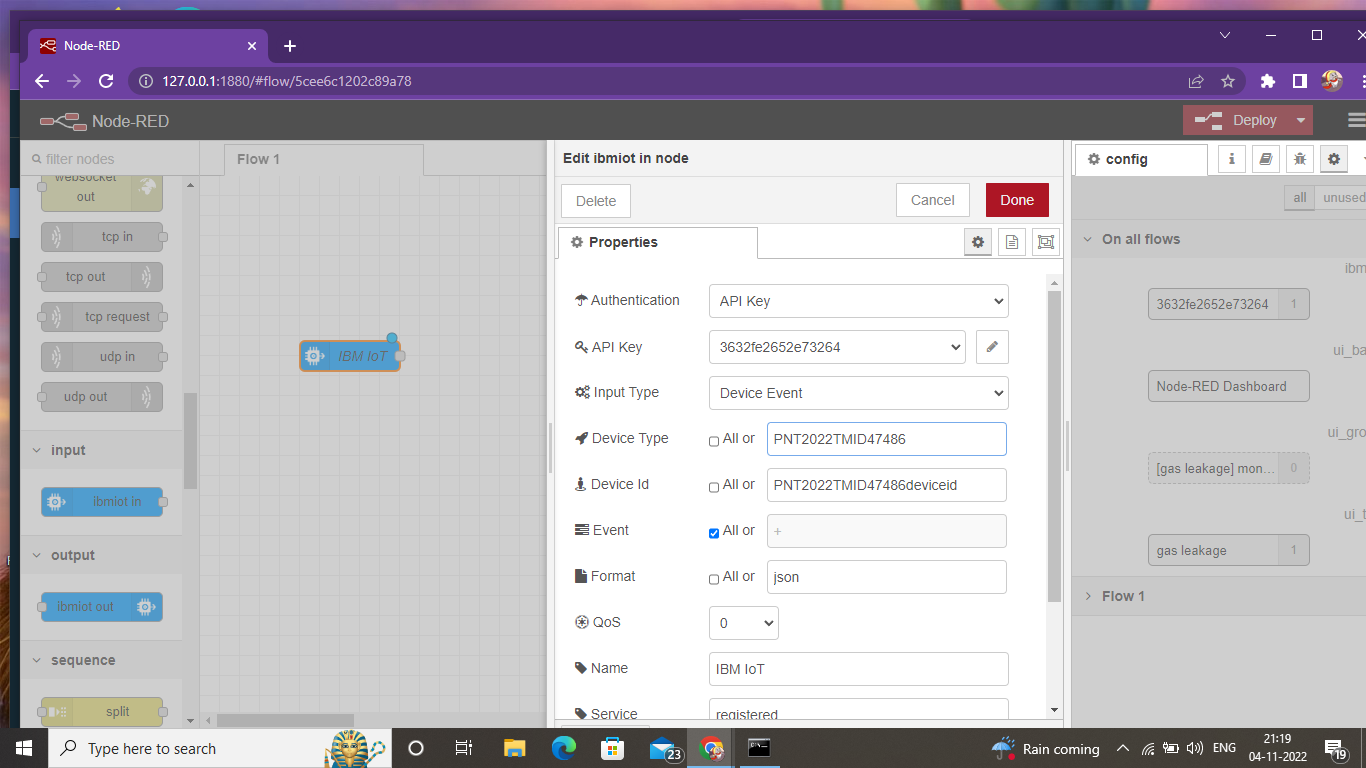


***Step 5: Generated API key Details***

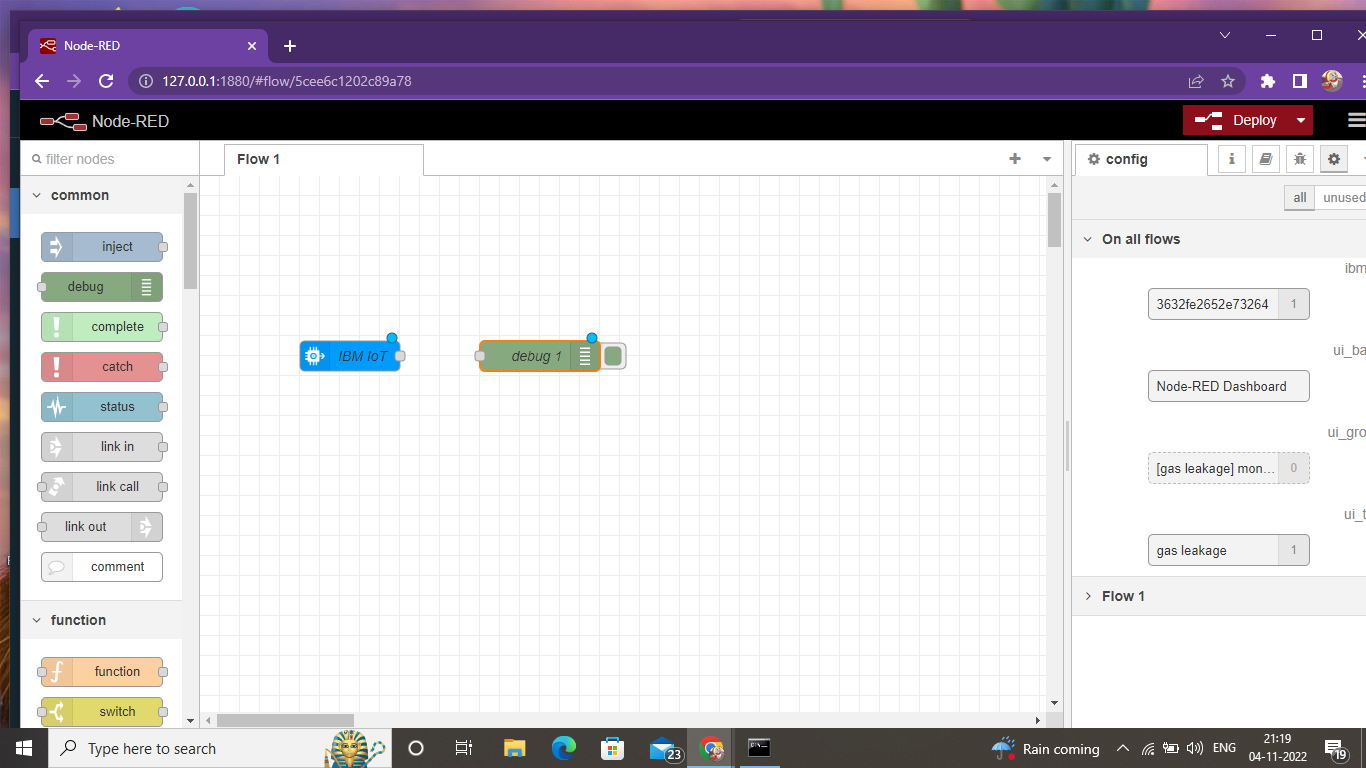


***Step6: Copy and paste the generated API key in node red***

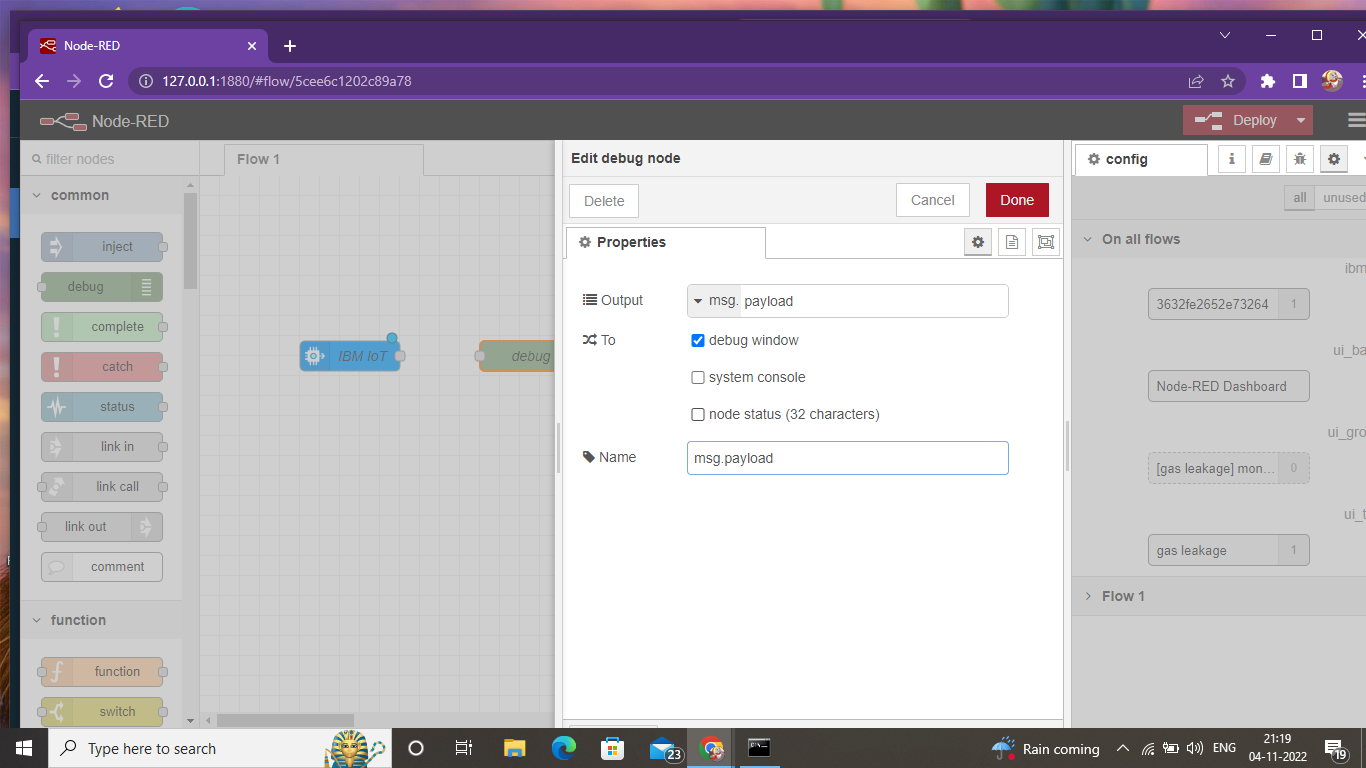


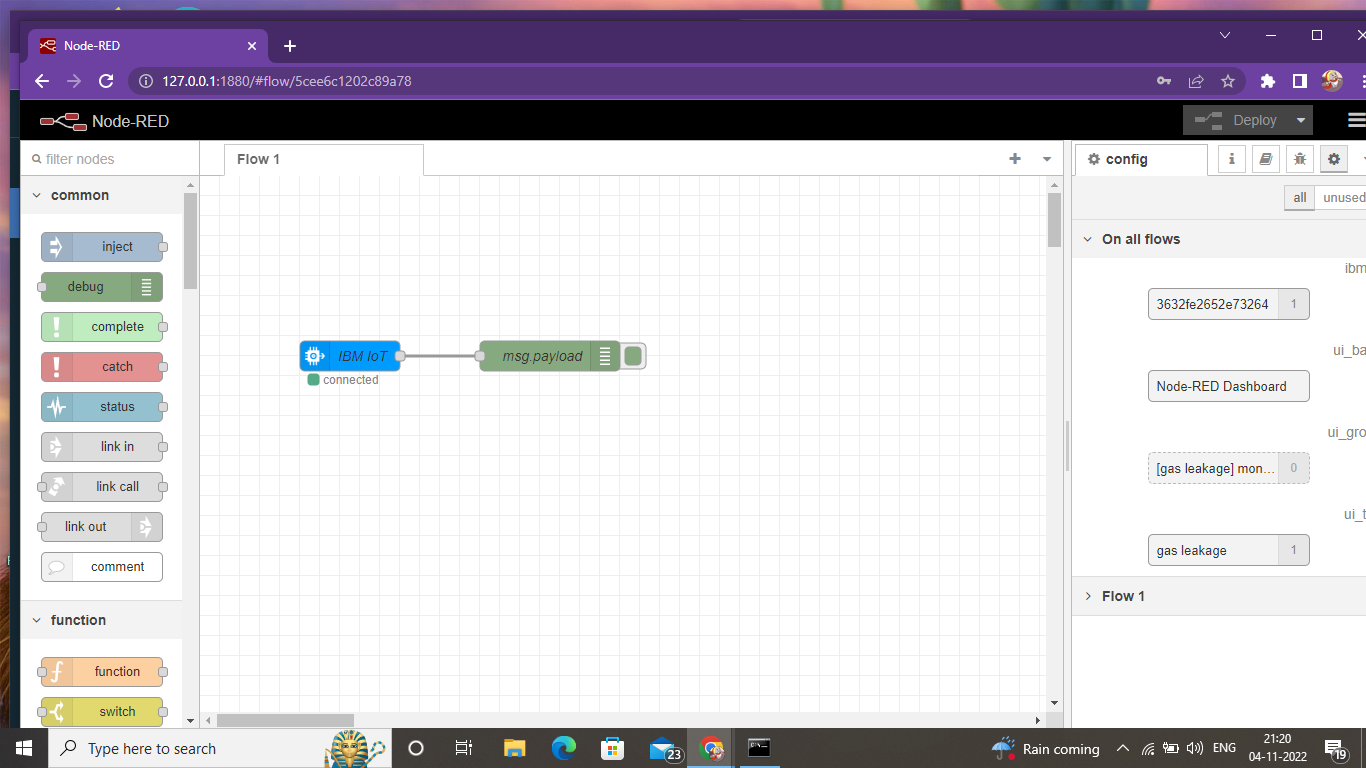


***Step 7:after completing all the details click in done button***

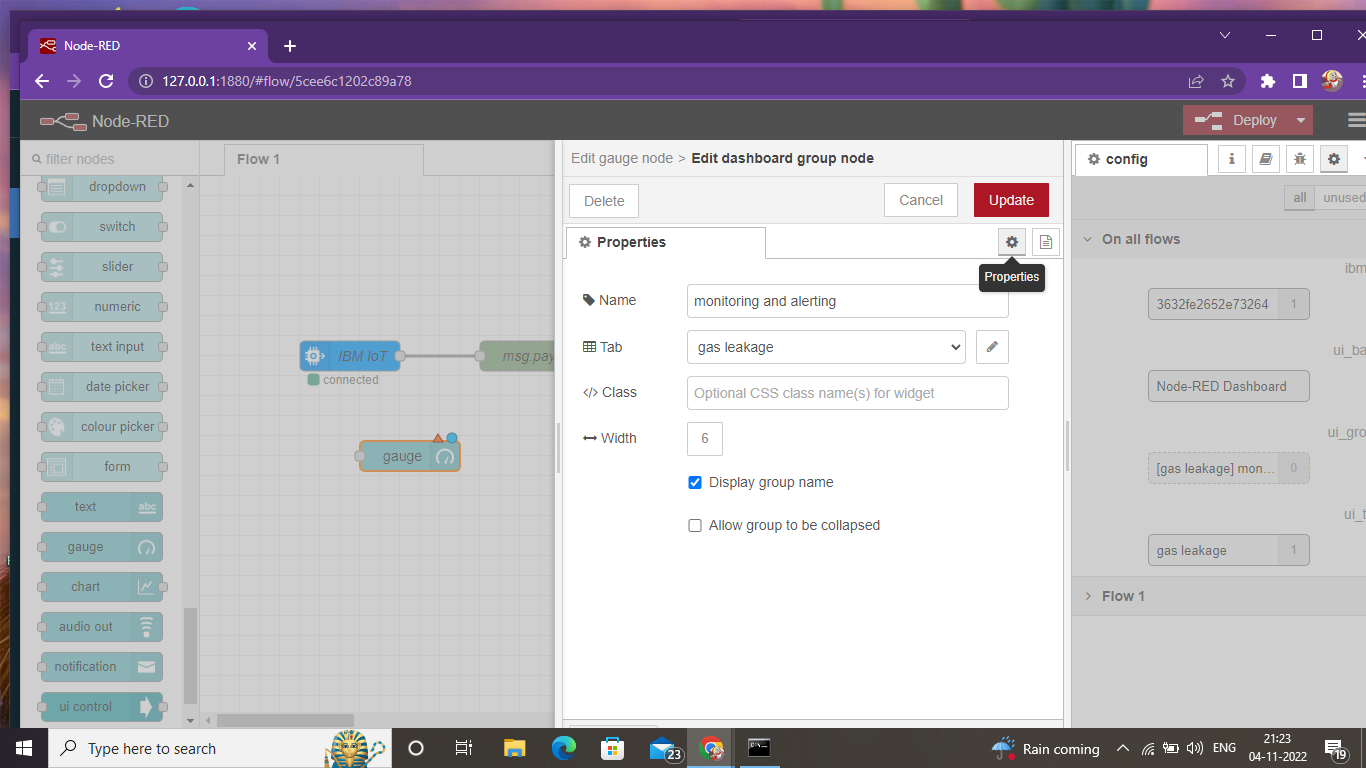


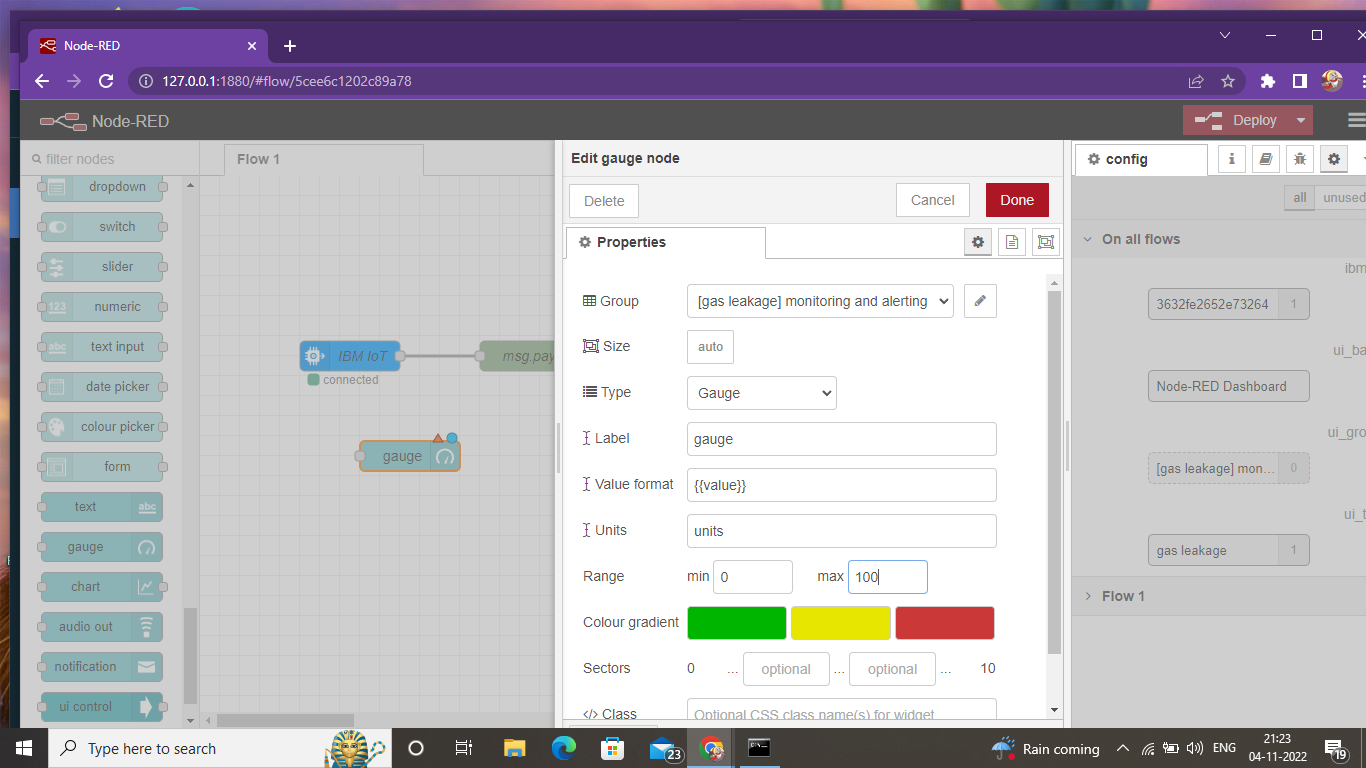
***Step 8:add debug to the IBM iot and rename as msg.payload and click on done.***

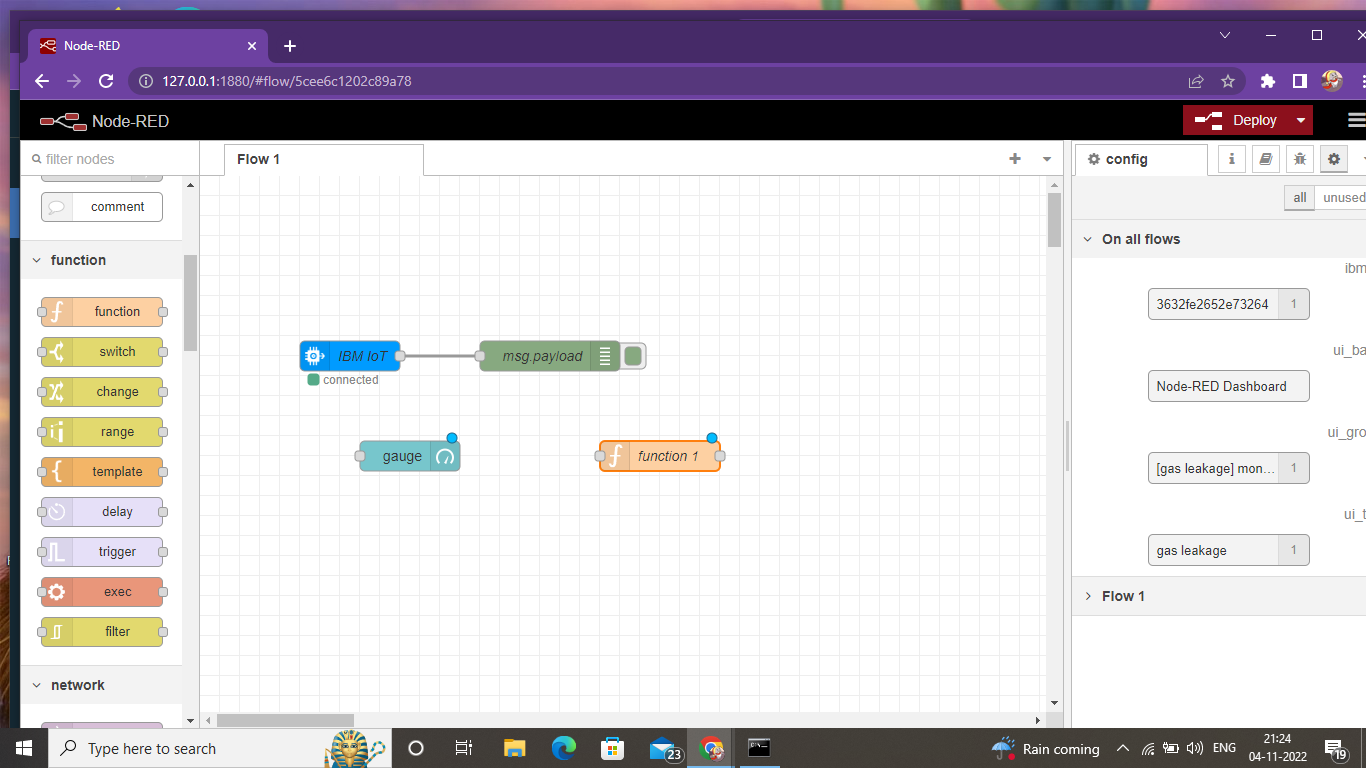




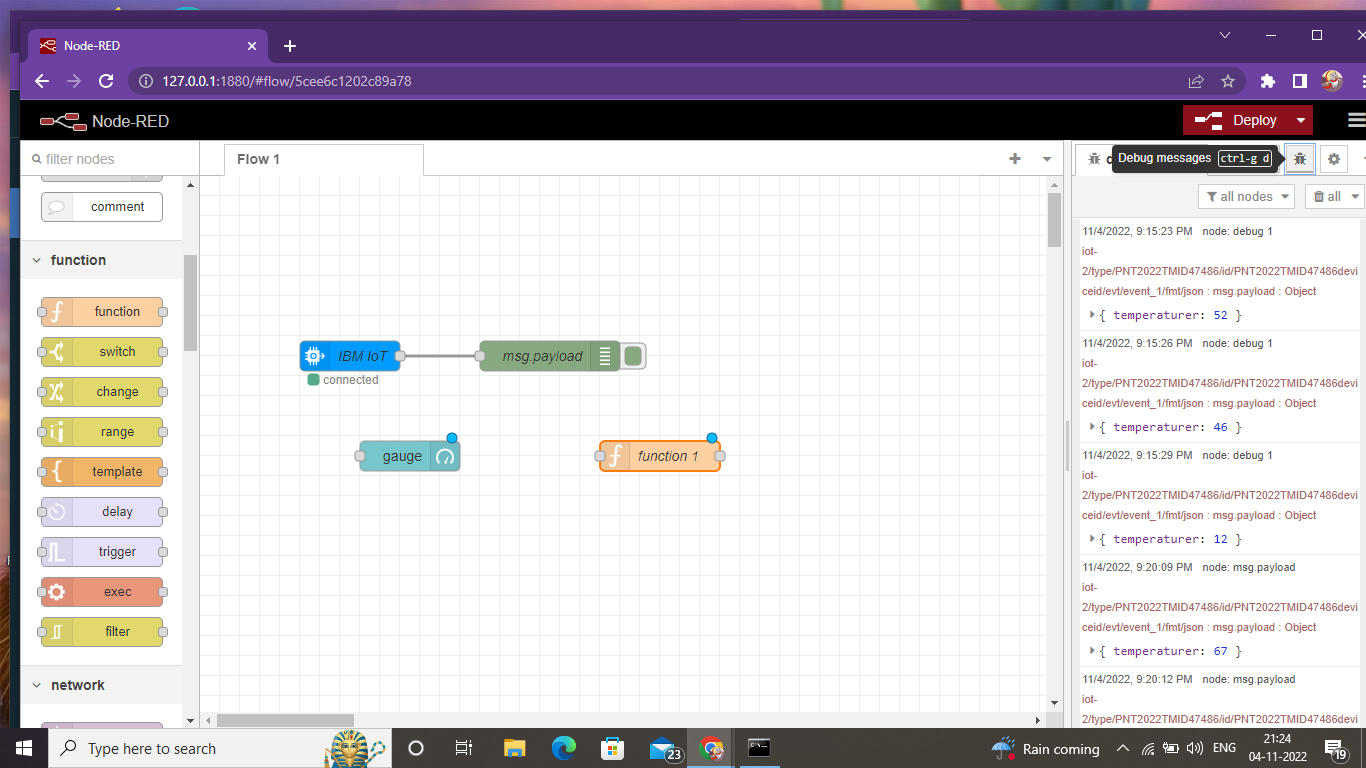
***Step 9: Click gauge from the dashboard node and fill the details***

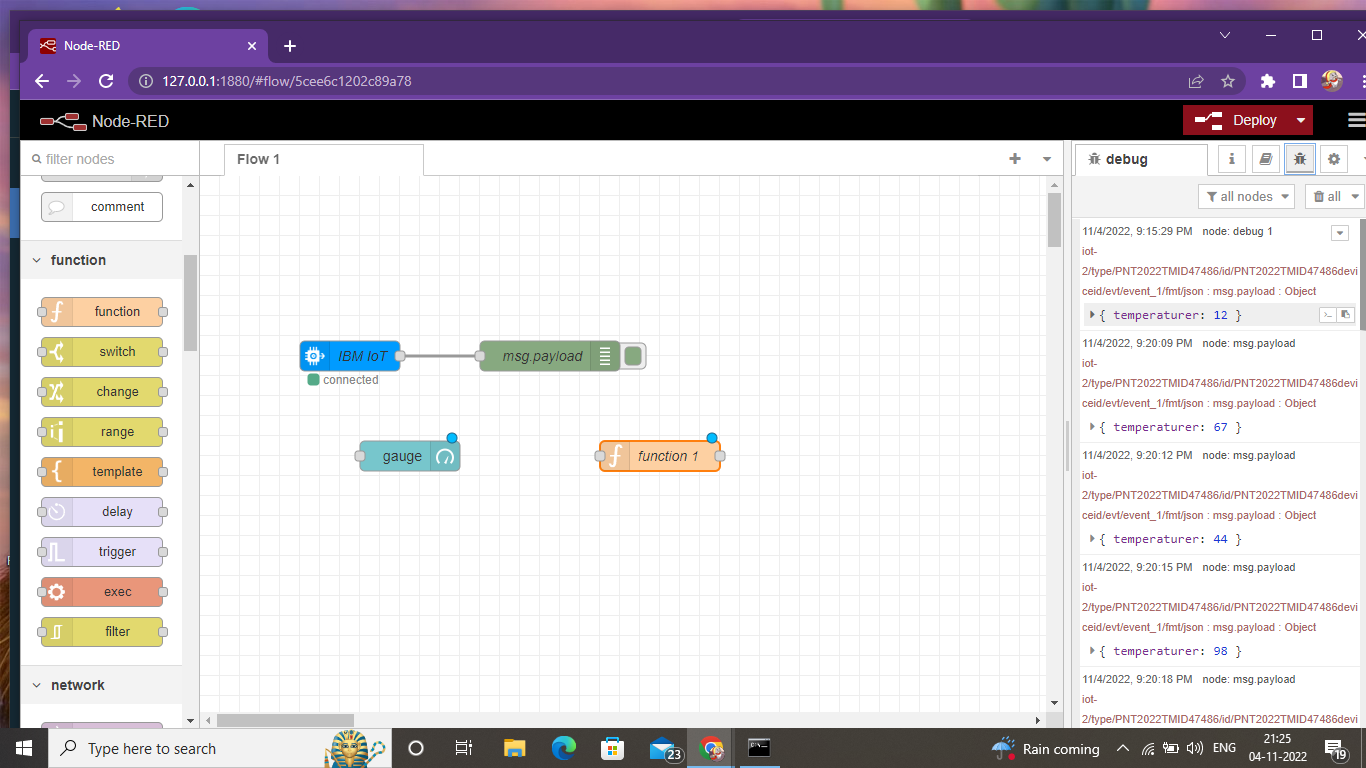


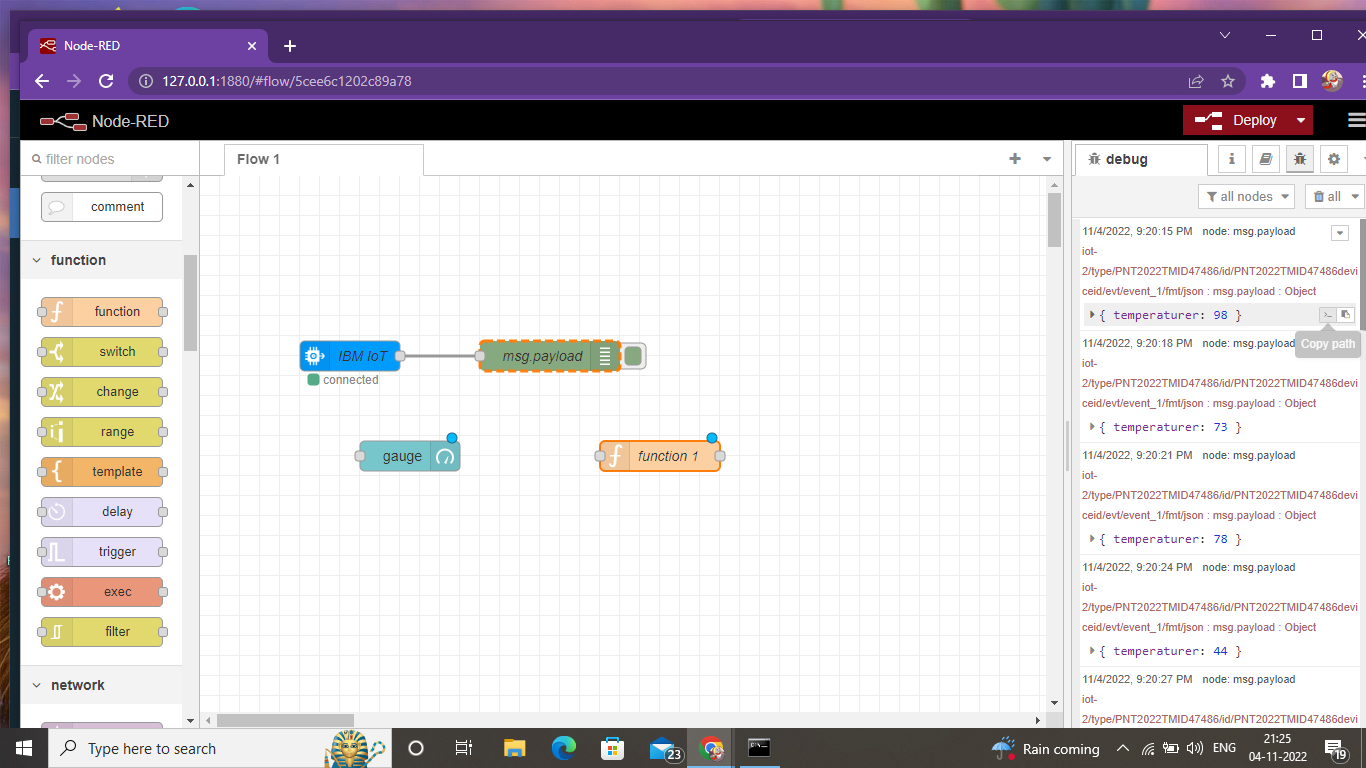


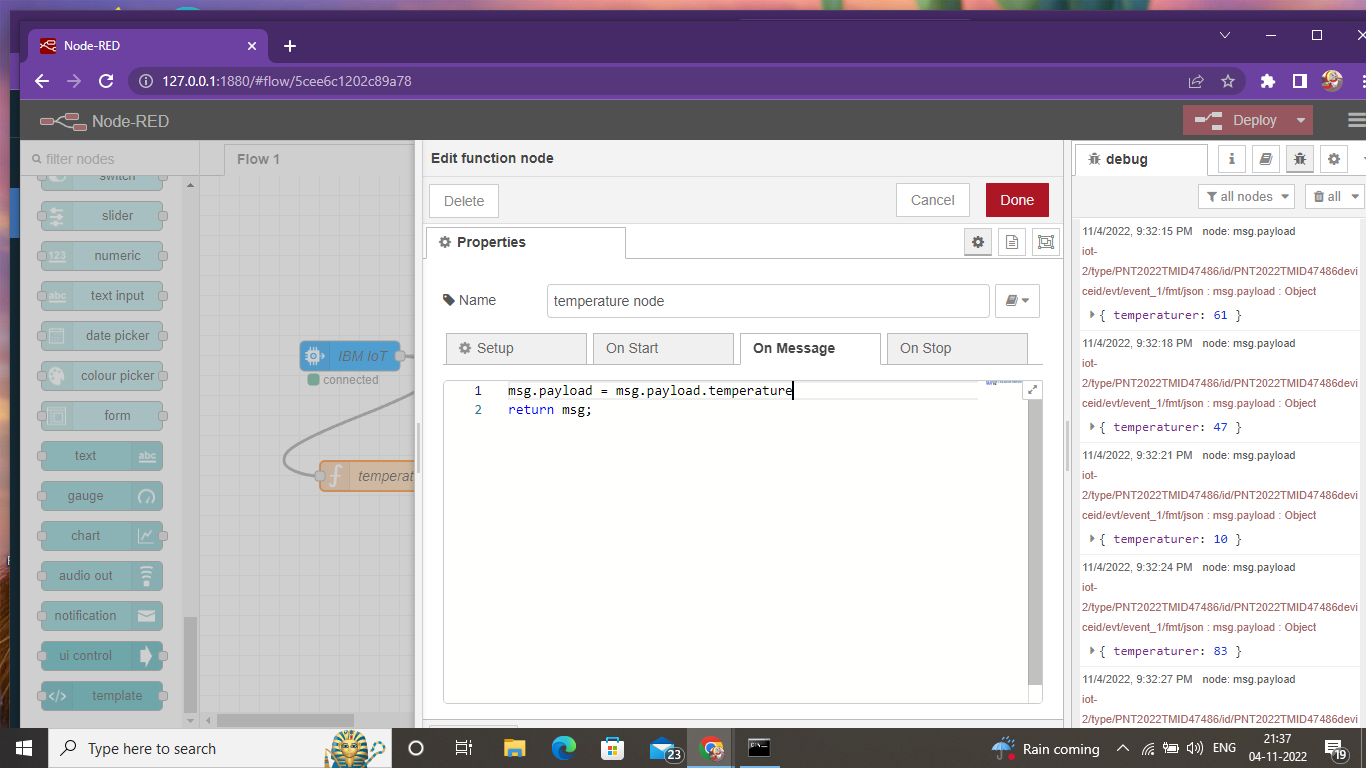
***Step 10: Add functions to the gauge***

***Step 11: Check the values from debug messages***

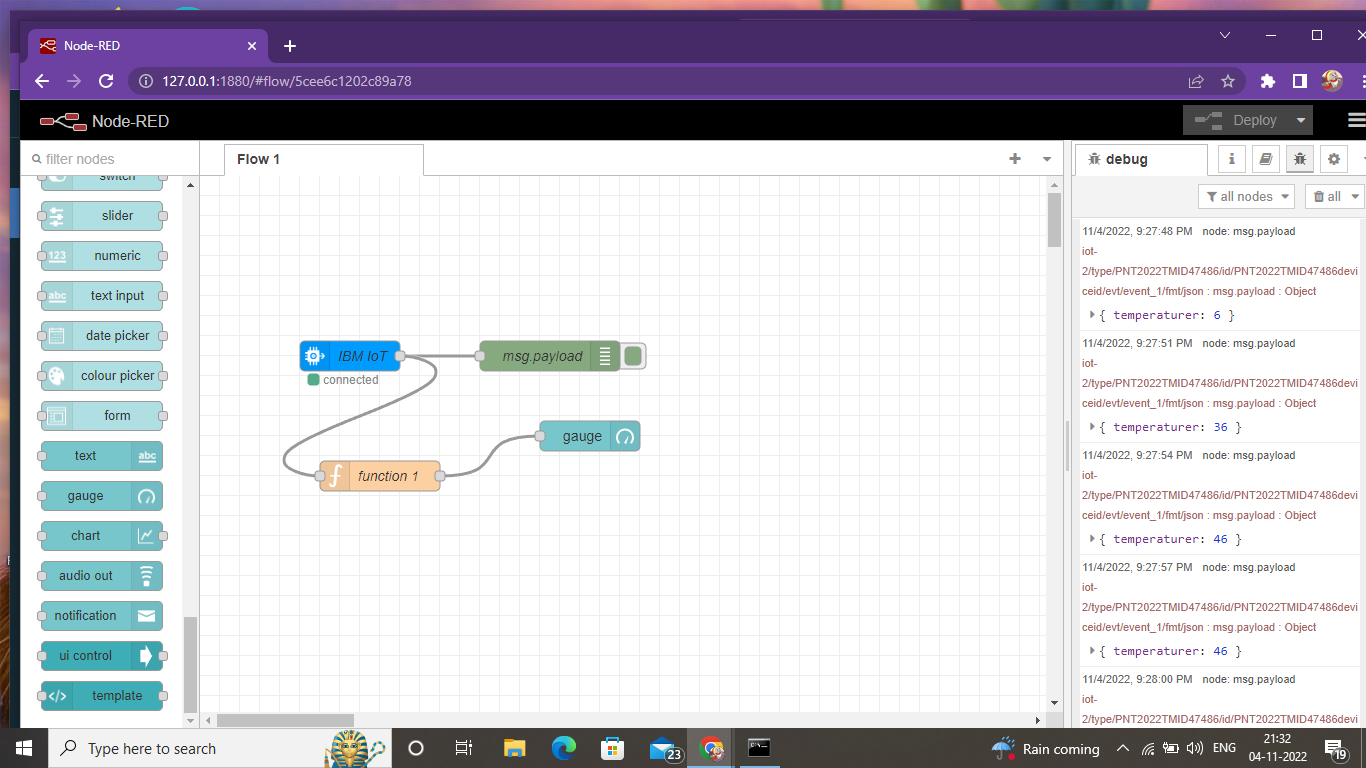


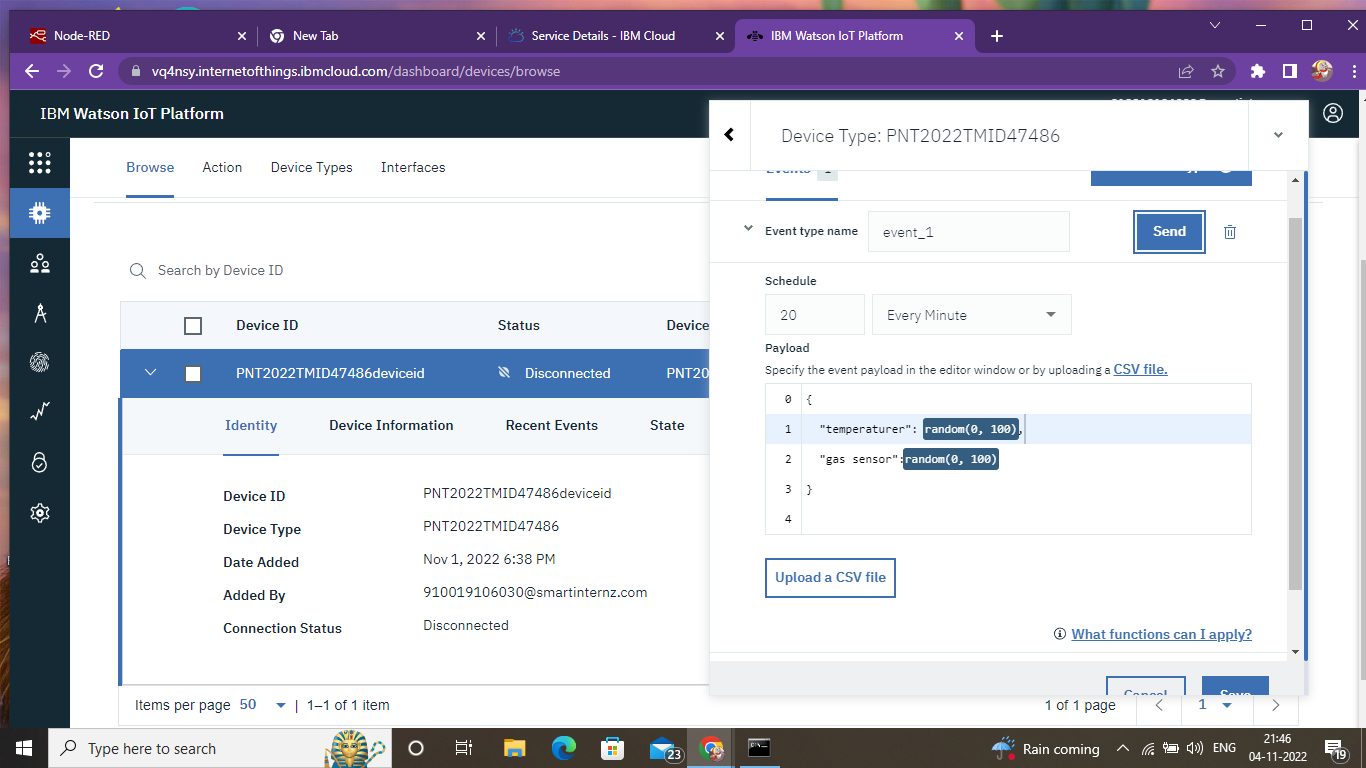
***Step 12: Edit function node***

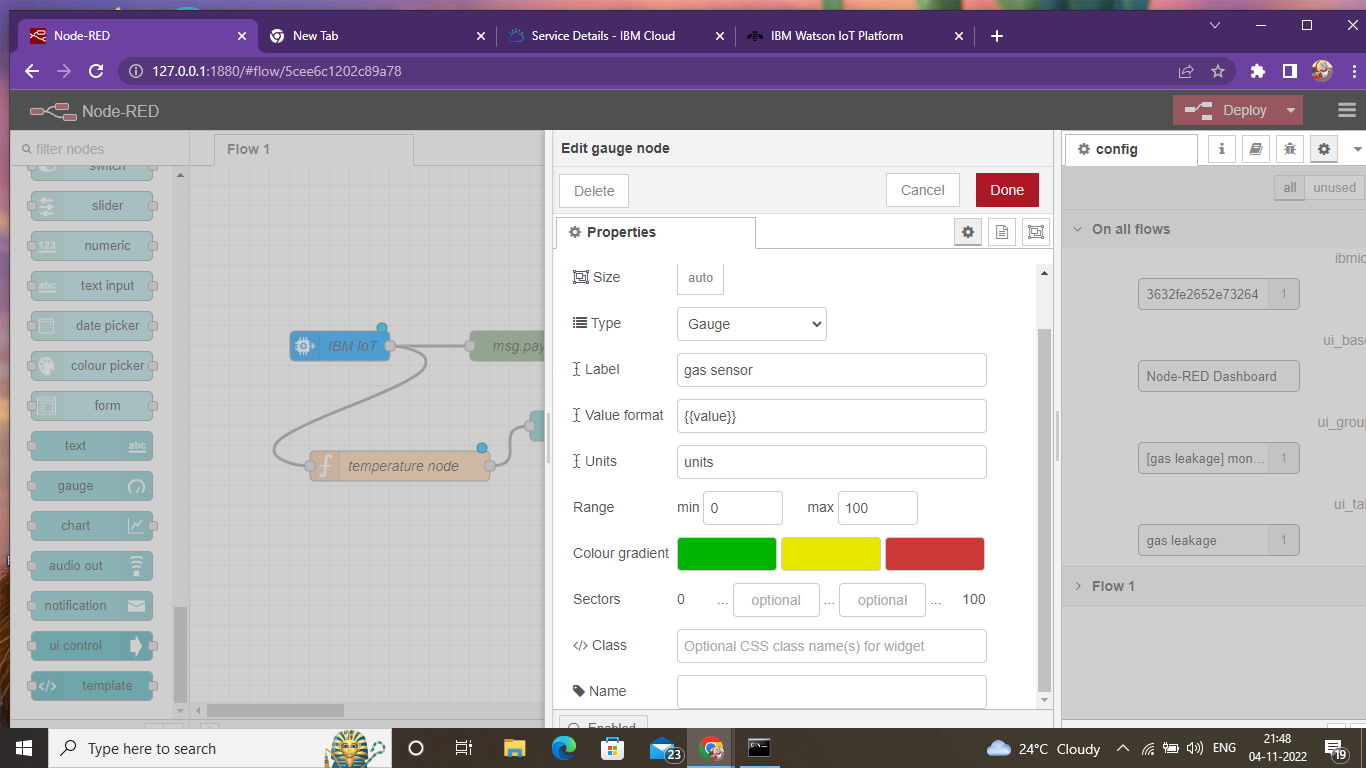


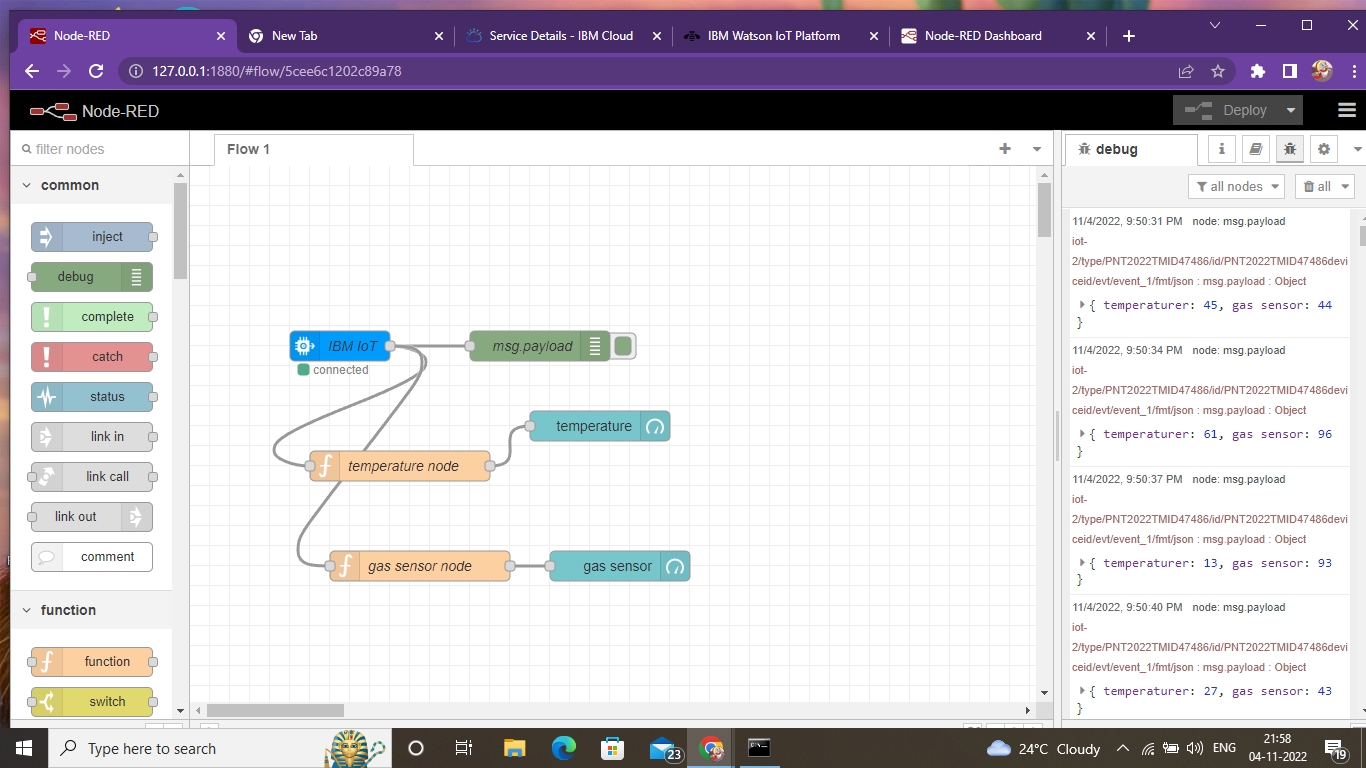
******

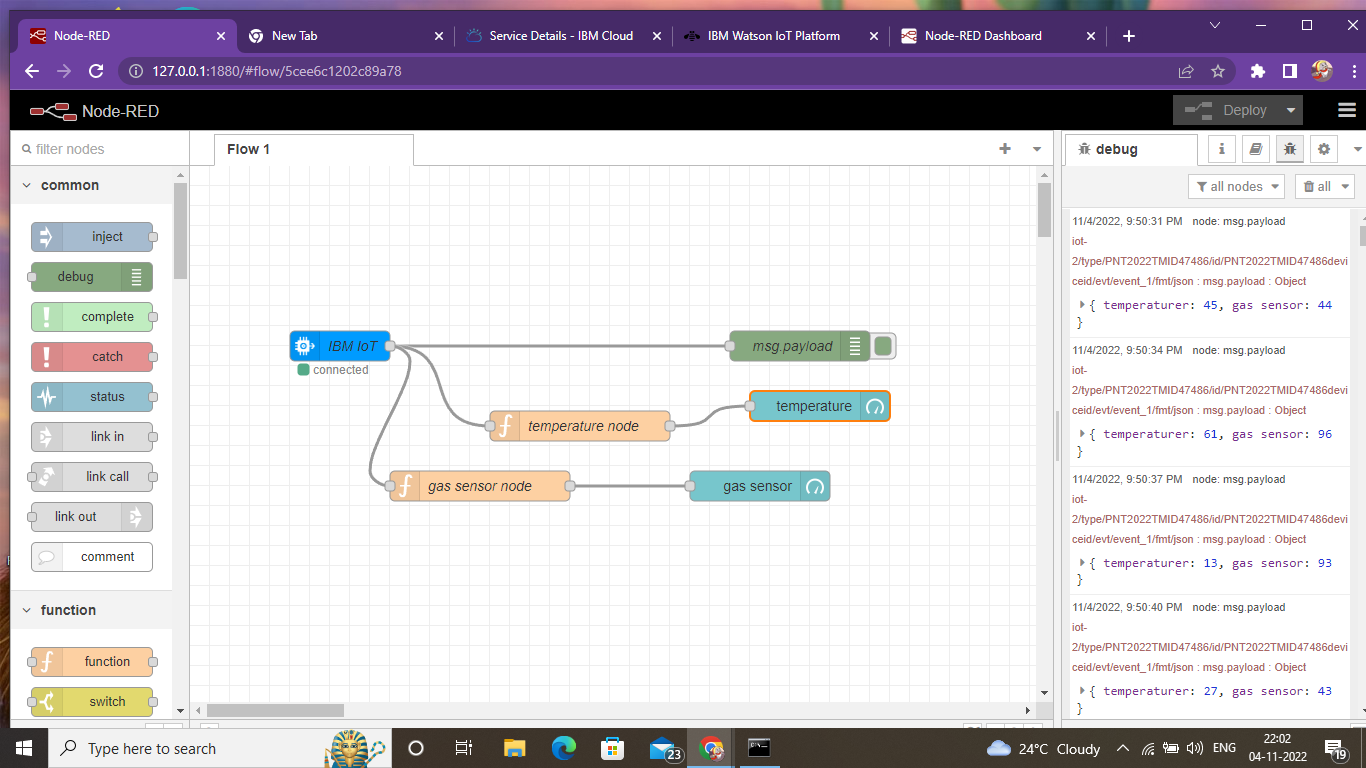
***Step 13: Connect them***



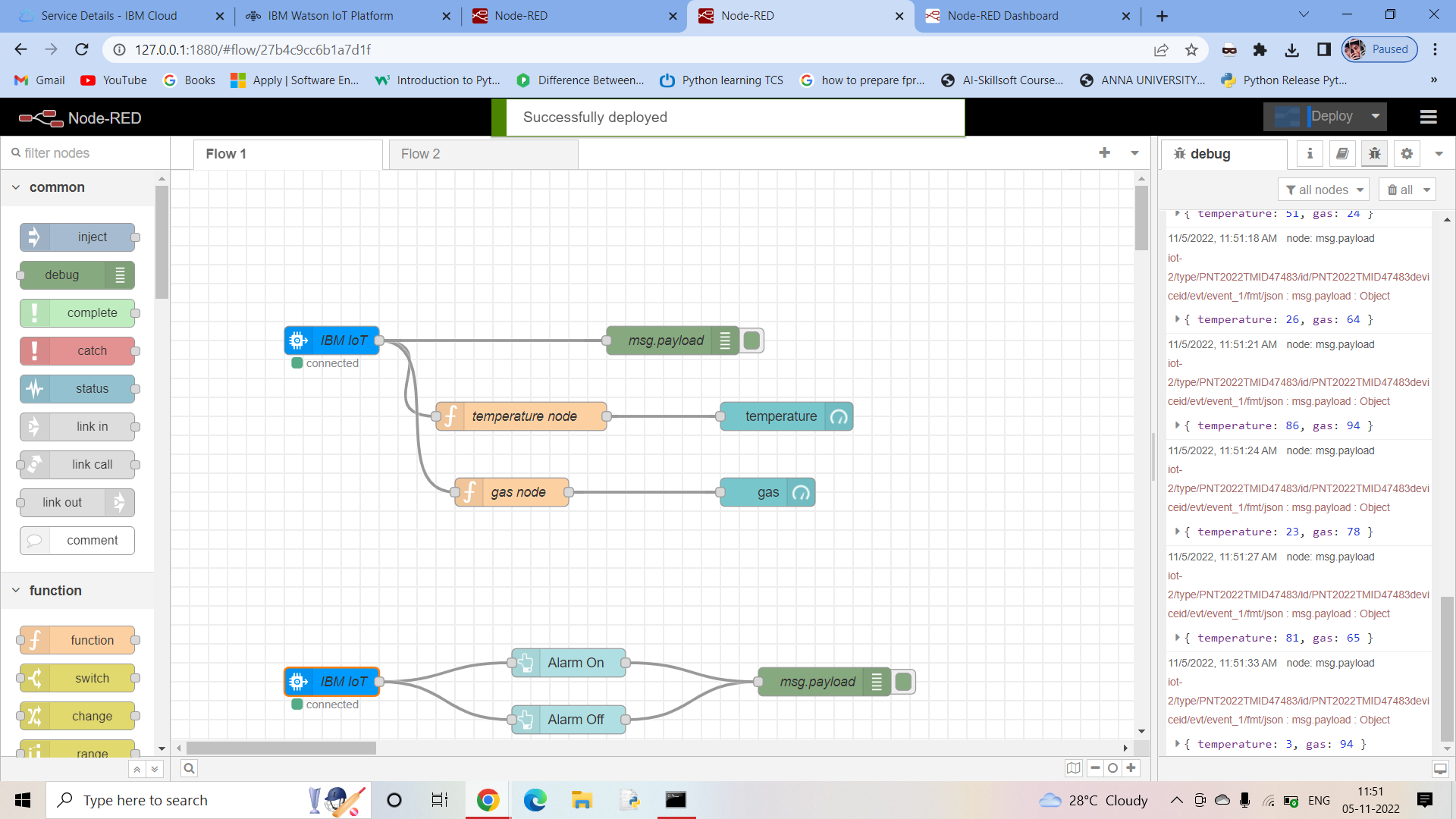


***Step 14: Add another gauge and functions*** 

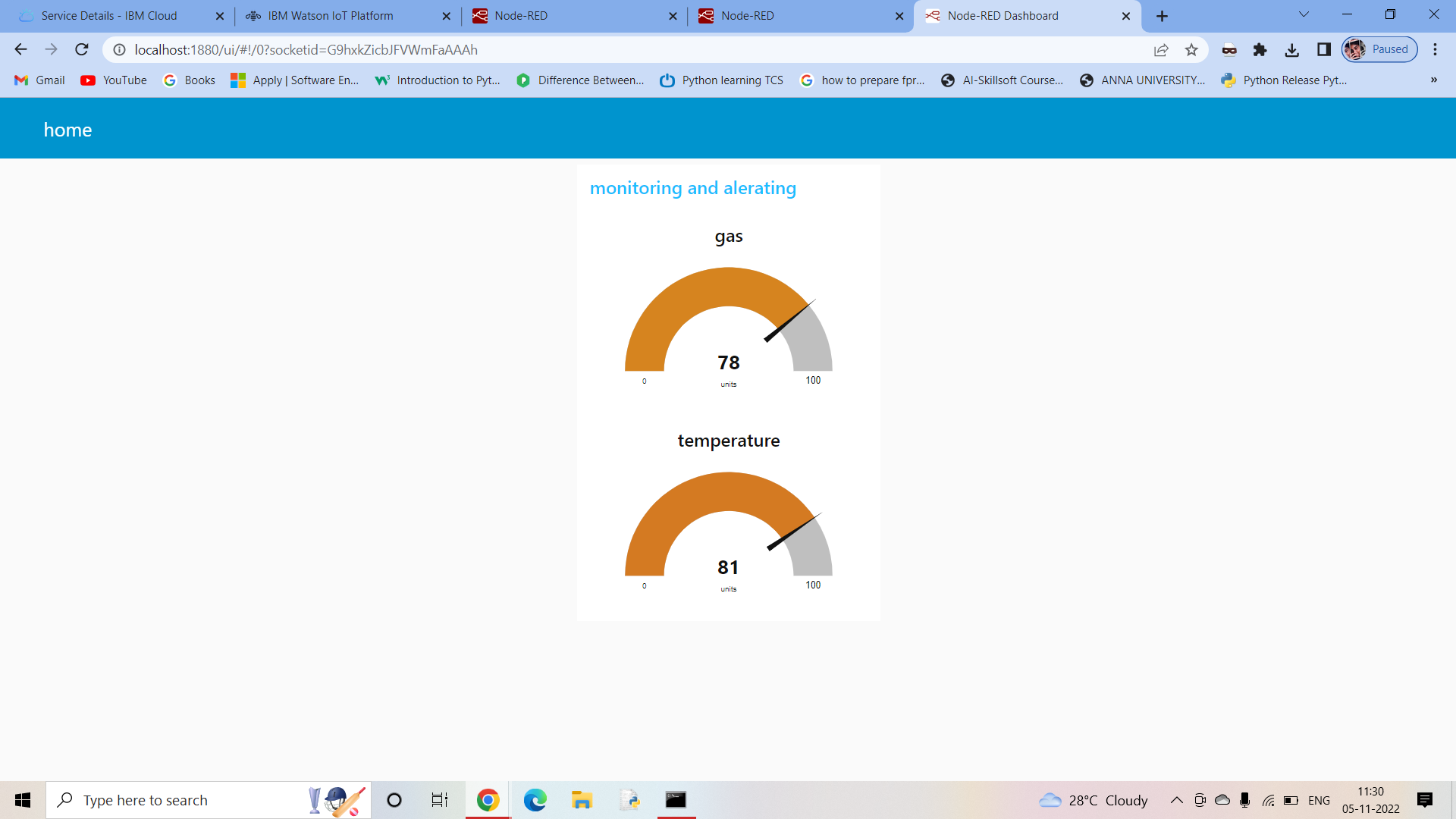




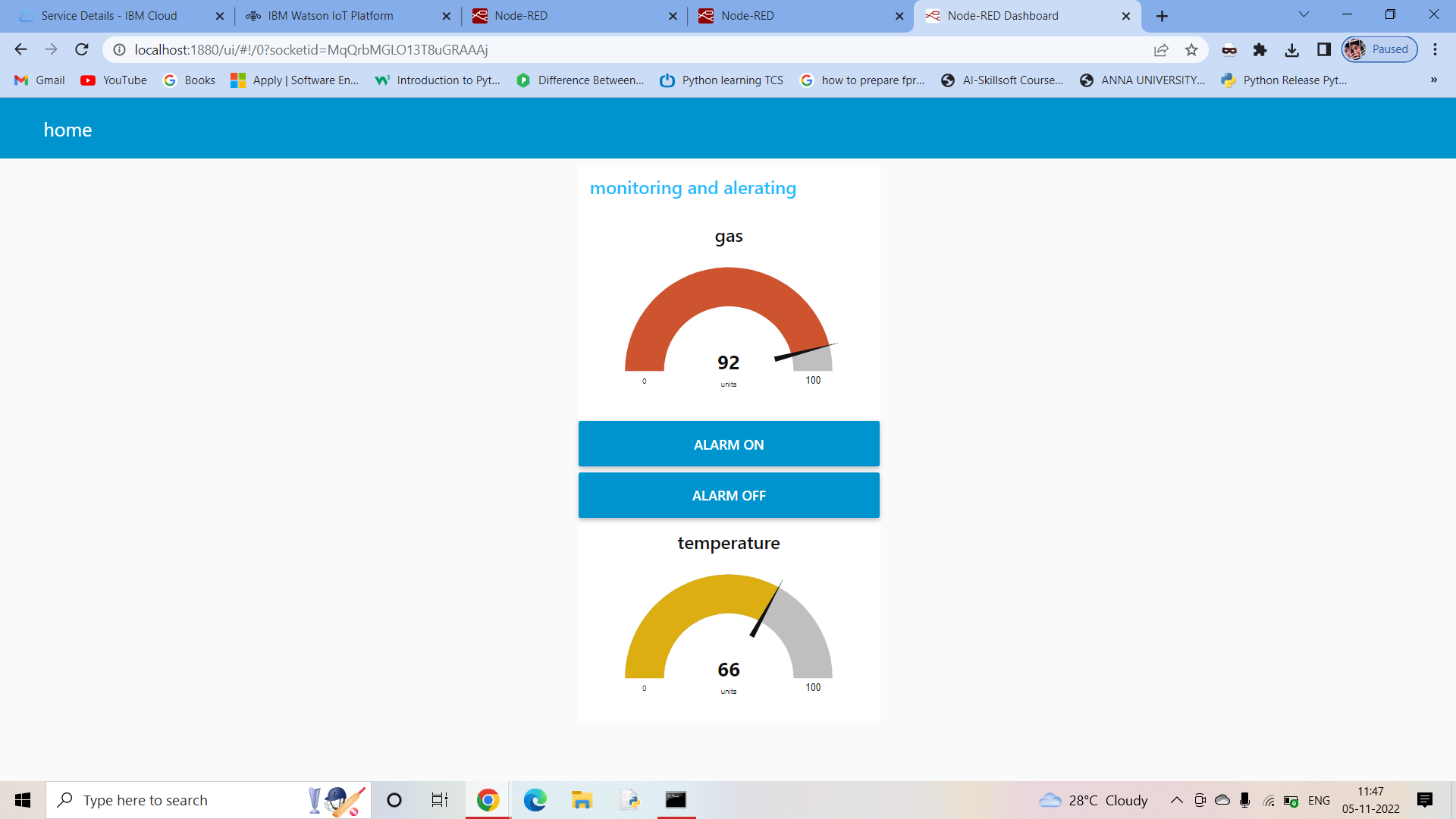
***Step15: finally add alarm on and off buttons to IBM iot and debug.step***

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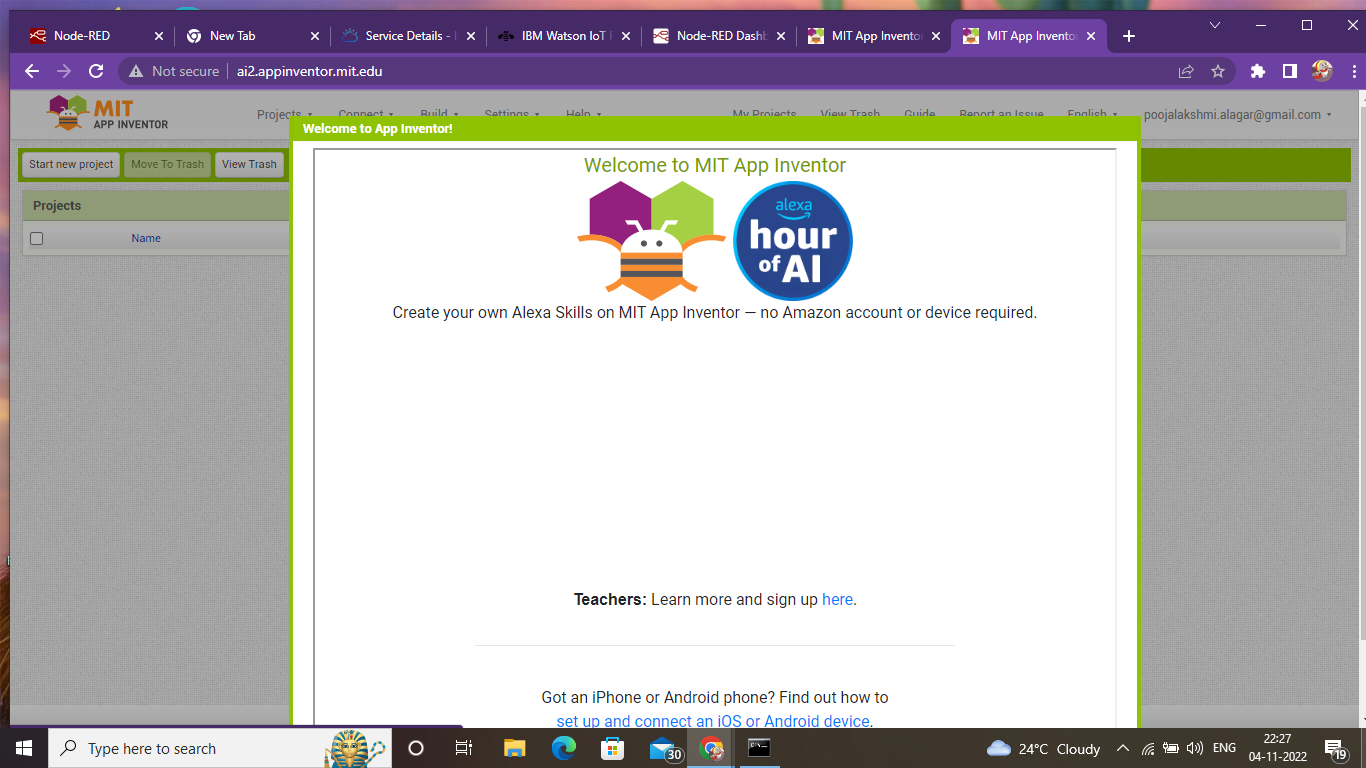
***Step16: Output from node red***

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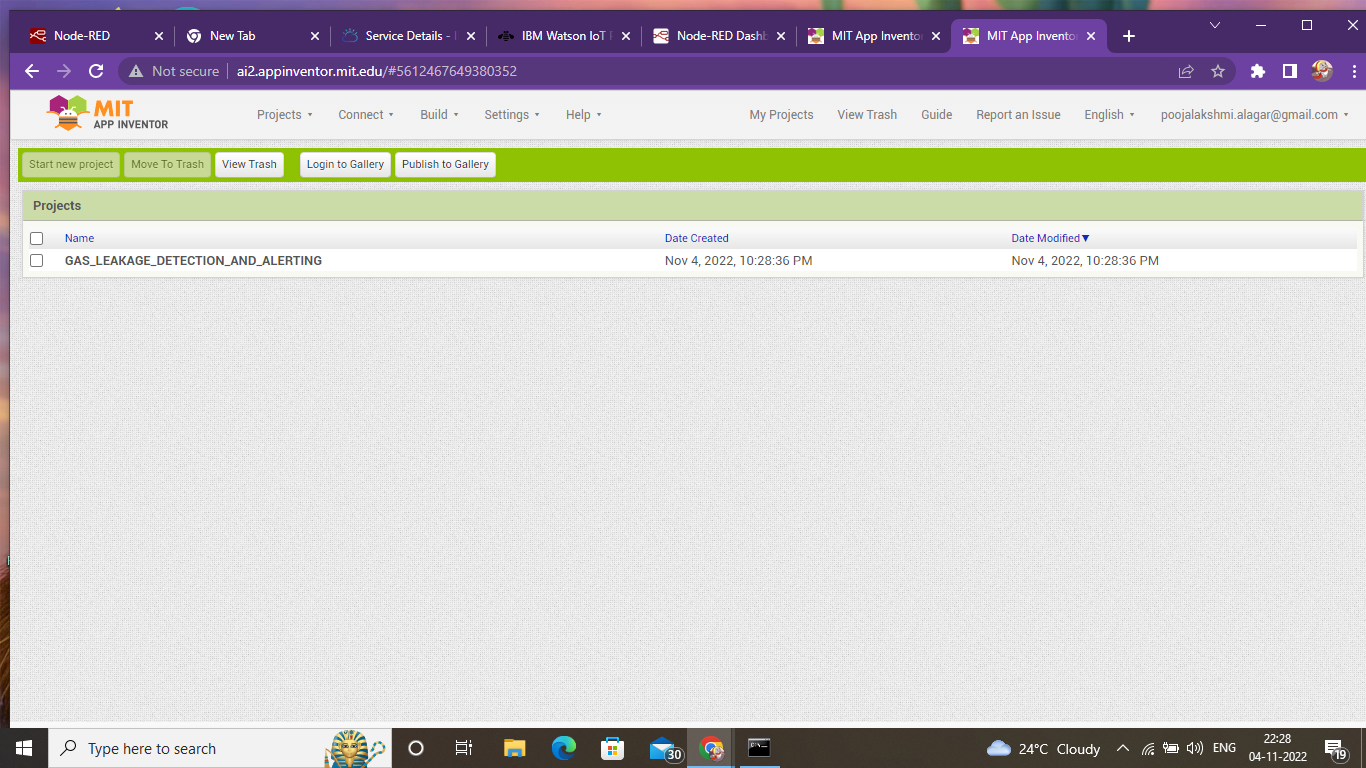
***Step17: Output with light on and off button***

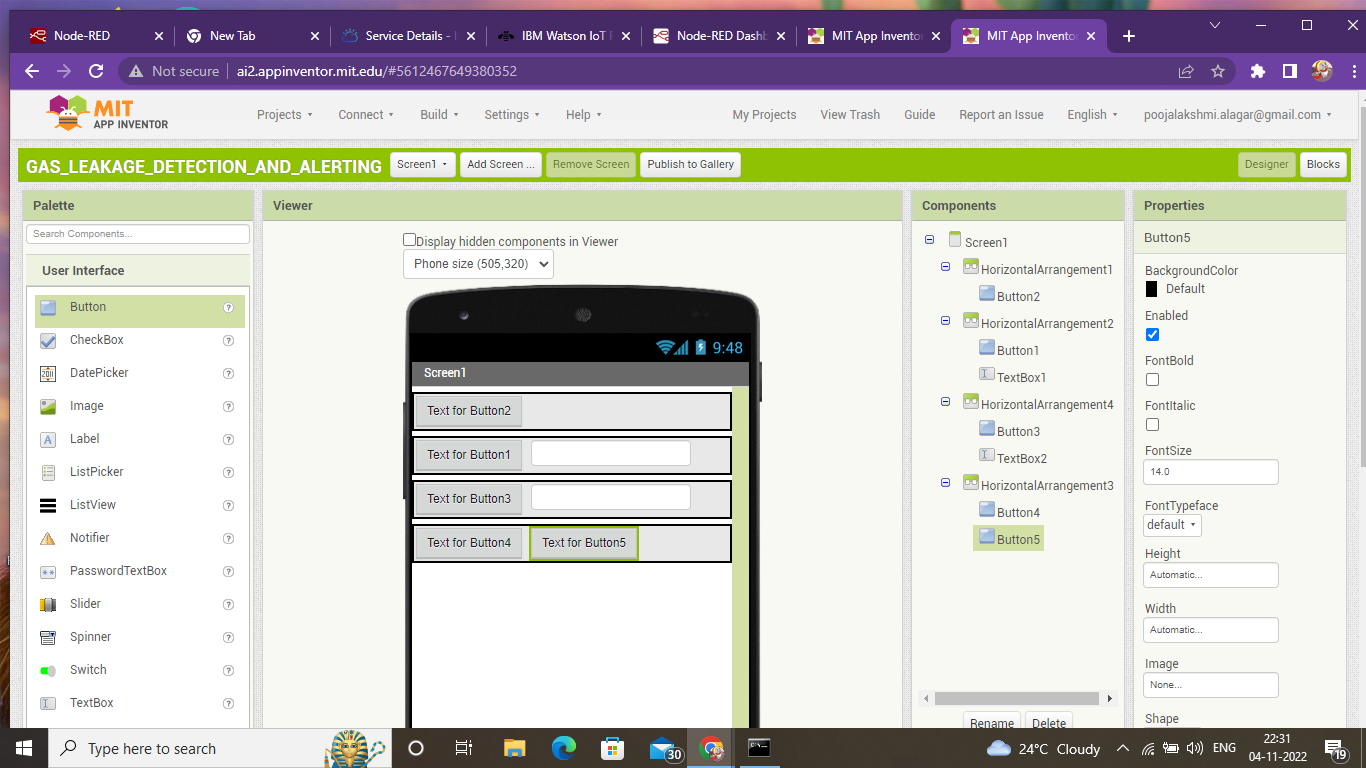
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***Step 18: Login to MIT app inventer and design***

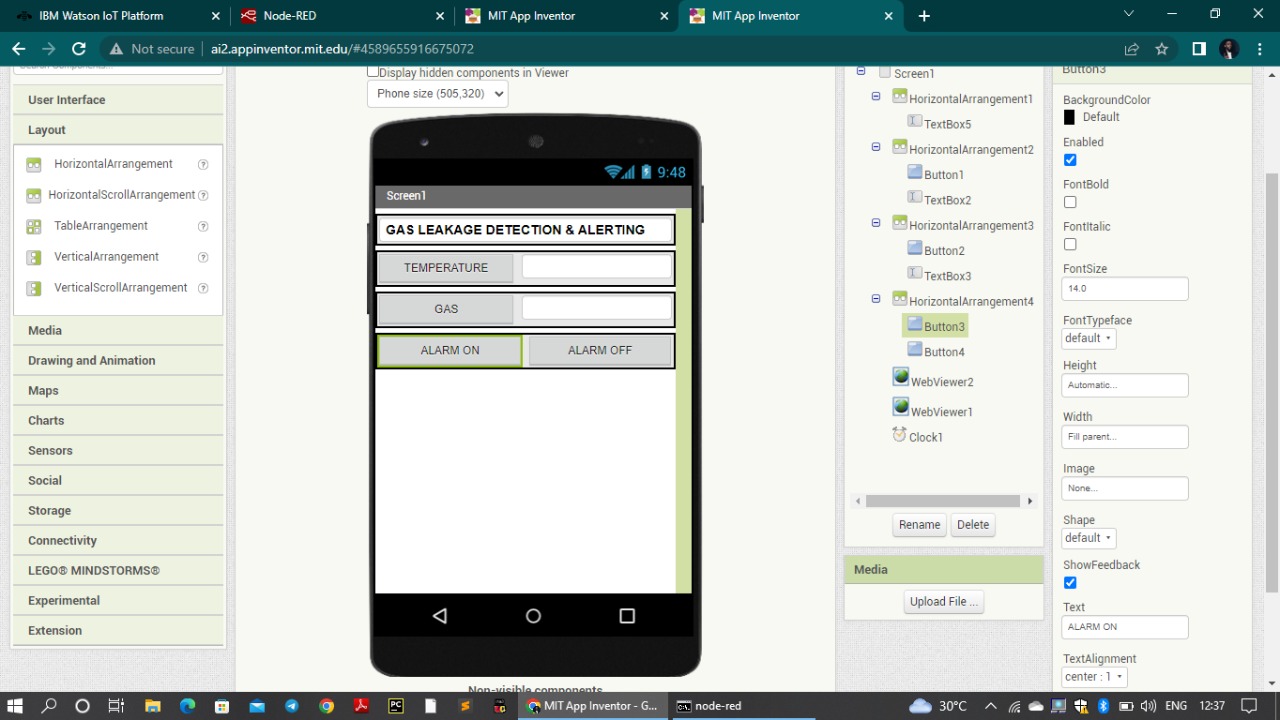








***Step 19: The Output***

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