Project Development Phase
Sprint – 1

Date	9 November 2022
Team ID	PNT2022TMID18041
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IoT
Maximum Marks	

Task:

Obtain the sensed data and visualize it in Node-RED.

Steps:

1. IBM IoT node is used to gather sensor data and the necessary API key is provided to establish connection.
2. Using functions namely Temperature, the data is obtained independently and displayed in dashboard.
3. Dashboard Nodes are used to display the sensed data to the user in a portal.

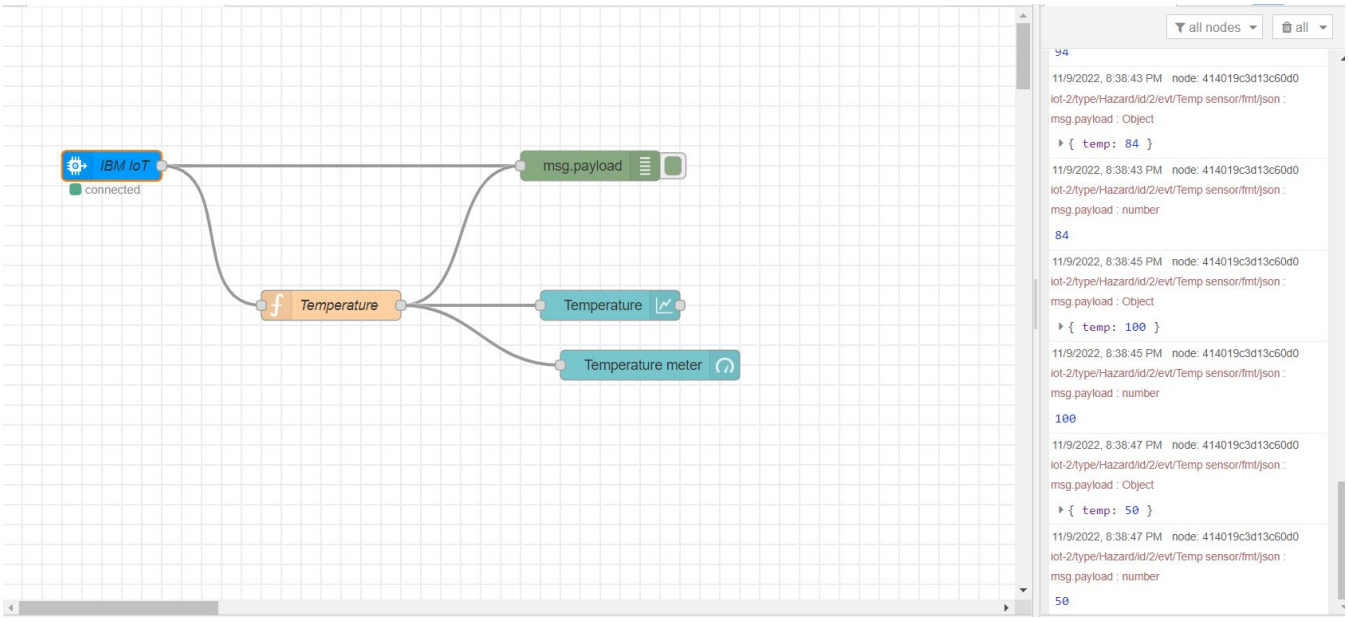
Codes for functions:

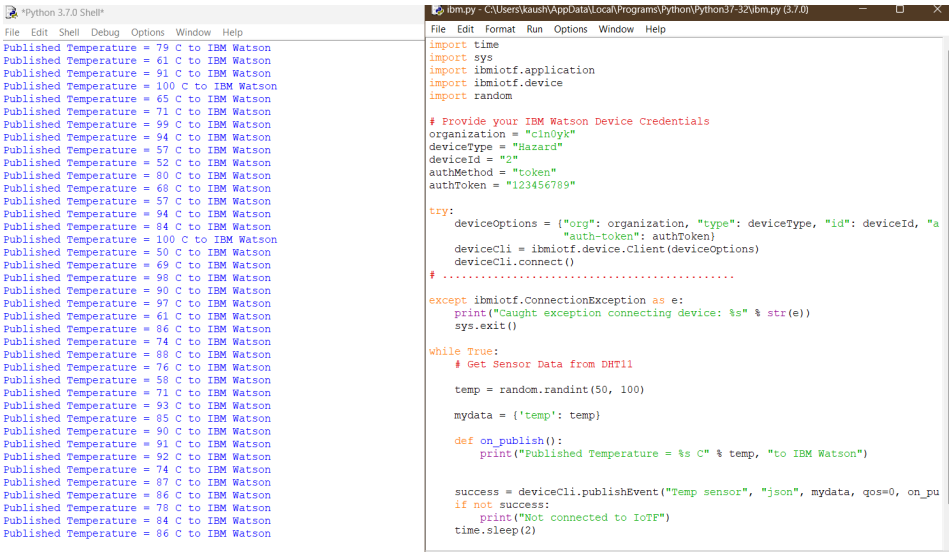
Temperature -

```
msg.payload = msg.payload.temp
return msg;
```

Output:

1. Data from Node-RED





2. Data displayed in dashboard.