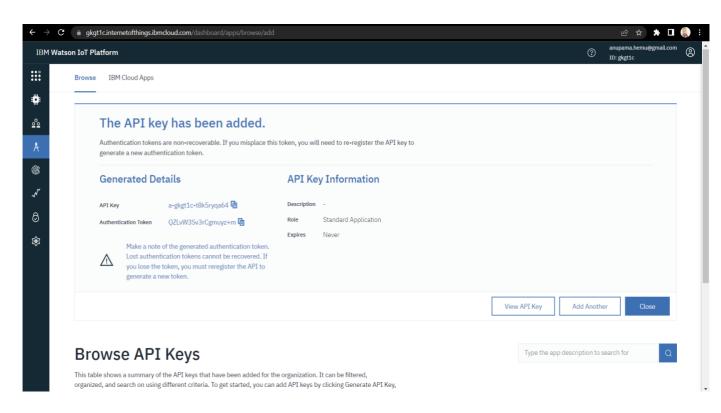
Date			17-11-2022
Team ID			PNT2022TMID27330
Project name			Signs with smart connectivity for better road safety
Maximum marks			20 marks
1.	Sprint-2	Configure the connection security and create API keys that are used in the Node-RED service for accessing the IBM IOT Platform.	
2.	Sprint-2	Create a Node-RED service.	

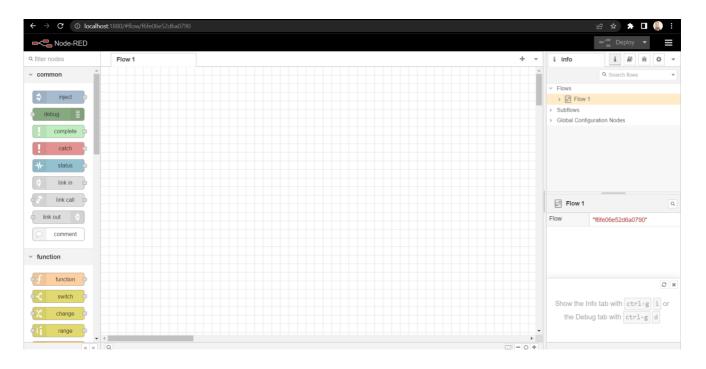
Python code

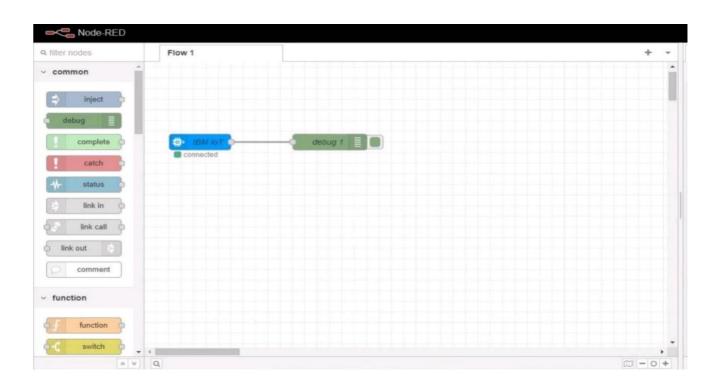
```
import requests as reqs
def get(myLocation,APIKEY):
    apiURL = f"https://api.openweathermap.org/data/2.5/weather?q={myLocation}&appid={APIKEY}"
    responseJSON = (reqs.get(apiURL)).json()
    returnObject = { "temperature" : responseJSON['main']['temp'] - 34,
        "weather" : [responseJSON['weather'][_]['main'].lower() for _ in range(len(responseJSON['weather']))],
        "visibility" : responseJSON['visibility']/100, # visibility in percentage where 10km is 100% and 0km is 0%
    }
    if("rain" in responseJSON):
    returnObject["rain"] = [responseJSON["rain"][key] for key in responseJSON["rain"]]
    return(returnObject)
```

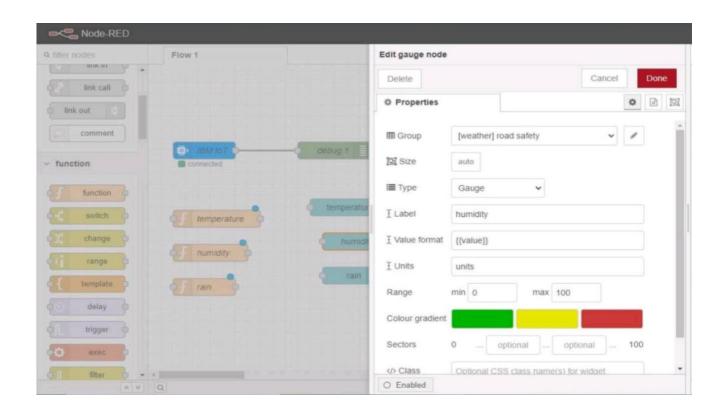
US-I Configure the connection security and create API keys that are used in the Node-red service for accessing the IBM IOT platform

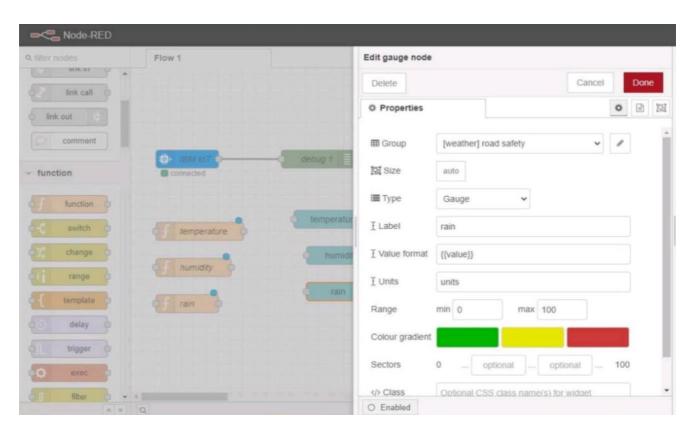


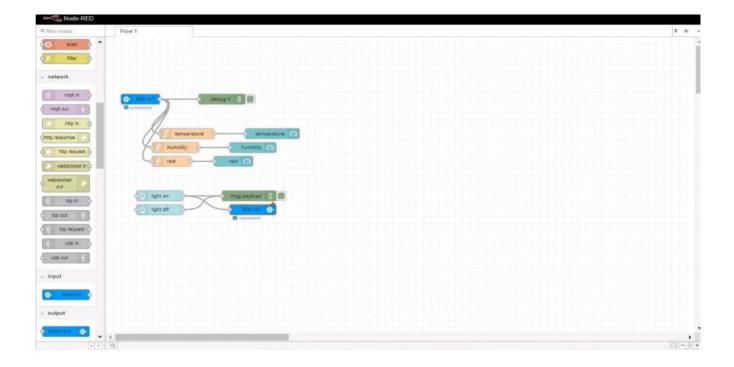
US-2 Create a Node-red service











output from recent events

road safety



road safety



USE MIT APP INVERTER TO DESIGN THE APP:

