

Sprint – 1

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Project : Gas Leakage Monitoring and Alerting System using IOT.

Event Generation:

Source code is deployed on IBM Watson IOT platform to generate sensor data.

Source Code:

```
{  
  "gas": random(0, 100),  
  "Temp": random(0, 100),  
  "Hum": random(0, 100)  
}
```

Output:

The screenshot displays the IBM Watson IoT Platform interface. On the left, a sidebar contains navigation icons. The main area is titled "Browse Devices" and includes a table of devices. A modal window titled "Simulations" is open on the right, showing a list of 10 events sent by a device named "Hello".

Simulations Modal:

- 10 events sent, 346 bytes sent
- Device Type: Final, Device ID: Hello, Event Type: Hello
- Event 1: ("gas":58,"Temp":84,"Hum":31)
- Event 2: ("gas":51,"Temp":2,"Hum":53)
- Event 3: ("gas":62,"Temp":59,"Hum":84)
- Event 4: ("gas":1,"Temp":5,"Hum":63)
- Event 5: ("gas":53,"Temp":81,"Hum":28)
- Event 6: ("gas":13,"Temp":79,"Hum":17)
- Event 7: ("gas":88,"Temp":29,"Hum":90)
- Event 8: ("gas":9,"Temp":11,"Hum":19)
- Event 9: ("gas":56,"Temp":17,"Hum":10)
- Event 10: ("gas":90,"Temp":61,"Hum":52)

Browse Devices Table:

Device ID	Status	Device Type	Class ID	Date
Hello	Disconnected	Final	Device	Oct 12