Sprint-1

Team Id	PNT2022TMID51106
Title	Hazardous Area Monitoring for
	Industrial Plant Powered By IoT

Generation of Python code for publishing the random sensor data to the IBM Iot Platform.

Random Temperature and humidity values generated and published to IBM IoT platform

```
====== RESTART: C:\Users\91934\Downloads\Python Script IOT.py ========
2022-11-18 20:59:00,384 ibmiotf.device.Client INFO Connected successfully: d:4wj0mx:NodeMCU:IoT001
Published Temperature = 7 C Humidity:71
Published Temperature = 96 C Humidity:20
Published Temperature = 69 C Humidity:8
Published Temperature = 32 C Humidity:11
Published Temperature = 64 C Humidity:26
Published Temperature = 94 C Humidity:71
Published Temperature = 51 C Humidity:10
Published Temperature = 58 C Humidity:46
Published Temperature = 94 C Humidity:27
Published Temperature = 93 C Humidity:52
Published Temperature = 85 C Humidity:63
Published Temperature = 55 C Humidity:44
Published Temperature = 36 C Humidity:76
Published Temperature = 34 C Humidity:54
Published Temperature = 35 C Humidity:34
Published Temperature = 60 C Humidity:14
Published Temperature = 77 C Humidity:18
Published Temperature = 69 C Humidity:73
Published Temperature = 32 C Humidity:80
Published Temperature = 41 C Humidity:89
Published Temperature = 93 C Humidity:57
```

Ш	ІоТ001	Connected	NodeM	CU	Device	8 Nov 2022 5:24 PM	
	Identity	Device Information	Recent Events	State	Logs		
	The recent eve	ents listed show the live stream	n of data that is com	ning and goin	g from this dev	rice.	
	Event	Value			Format	Last Received	
		57(3864475)			W65500000000000	10000000 00000 00000000000000000000000	
	IoTSensor	{"temp":67,"humid":61	L}		json	a few seconds ago	
	IoTSensor	{"temp":20,"humid":88	3}		json	a few seconds ago	
	IoTSensor IoTSensor	{"temp":20,"humid":88			json	a few seconds ago	
			}		•		

Data stored in Database

