

## **PYTHON**

**CODE(RAILWAYS,TEMPERATURE,HUMIDITY,PRESSURE)**

<b>DATE</b>	<b>9 NOVEMBER 2022</b>
<b>TEAM ID</b>	<b>PNT2022TMID52171</b>
<b>PROJECT NAME</b>	<b>SMART SOULUTION FOR RAILWAYS</b>

## **PYTHON CODE**

```
import random
```

```
print('Hazardous Smart Railways = ',str(random.randint(0,100)))
```

```
print('Temparature = ',str(random.randint(0,100)))
```

```
print('Humidity = ',str(random.randint(0,100)))
```

```
print('Pressure = ',str(random.randint(0,100)))
```

output

python code.py - E:\python\python code.py (3.9.8)  
File Edit Format Run Options Window Help

```
import random
print("Hazardous Gas Level=",str(random.randint(0,100)))
print("Temperature=",str(random.randint(0,100)))
print("Humidity=",str(random.randint(0,100)))
print("Pressure=",str(random.randint(0,100)))
```

Python 3.9.8 (tags/v3.9.8:bb1f4cf, Nov 5 2021, 20:48:33) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.  
>>>  
===== RESTART: E:\python\python code.py =====>>>  
Hazardous Gas Level= 46  
Temperature= 31  
Humidity= 74  
Pressure= 96  
>>> |

Activate Windows  
Go to Settings to activate Windows



IBM Watson IoT Platform

Device ID Status Device Type Class ID Date Added Descriptive Location

12345	Disconnected	Nagarajan	Device	Oct 31, 2022 11:38 AM	
-------	--------------	-----------	--------	-----------------------	--

Identity Device Information Recent Events State Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"Hazardous Gas":61,"Temperature":88,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":20,"Temperature":36,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":79,"Temperature":56,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":52,"Temperature":82,"Humidit...	json	a few seconds ago
event_1	{"Hazardous Gas":26,"Temperature":33,"Humidit...	json	a few seconds ago

1 Simulation running

Activate Windows  
Go to Settings to activate Windows

