

PROJECT NAME	GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES
TEAM ID	PNT2022TMID16564
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**Code:**

```
import random
```

```
print('Hazardousgaslevels=',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)))
```

The screenshot shows a Windows desktop with a Python 3.7.0 Shell window open. The shell window displays the output of a script named 'random.py' located at 'C:/Users/ELCOT/Desktop/random.py'. The script's code is visible in the left pane, and its execution output is in the right pane. The output shows four lines of data: 'Hazardousgaslevels= 90', 'temperature= 77', 'humidity= 80', and 'pressure= 45'. The shell window also shows the Python version and system information at the top.

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/ELCOT/Desktop/random.py =====
Hazardousgaslevels= 90
temperature= 77
humidity= 80
pressure= 45
>>> |
```

IBM-Project-12752-1659460963/IBMService Details - IBM CloudIBM Watson IoT Platform

ioz5i8.internetofthings.ibmcloud.com/dashboard/devices/browse

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IBM Watson IoT Platform

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Add Device

IdentityDevice InformationRecent EventsStateLogs

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

Event	Value	Format	Last Received
event_4	{"pressure":71}	json	a few seconds ago
event_3	{"humidity":28}	json	a few seconds ago
event_2	{"temperature":36}	json	a few seconds ago
event_1	{"Hazardous gas levels":81}	json	a few seconds ago
event_1	{"Hazardous gas levels":89,"temperature":27,"h...	json	5 minutes ago

1 Simulation running

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