

Assignment -2
Python Programming

Assignment Date	27 September 2022
Student Name	AKILAN.B
Student Roll Number	821219104002
Maximum Marks	2 Marks

Question-1:

Build a python code ,assume you get temperature and humidity values(generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature

```
#import standard python modules.
```

```
import random
```

```
while (True):
```

```
    temperature=random.randint(10,99)
```

```
    humidity=random.randint(10,99)
```

```
    if(temperature>40 and humidity>70):
```

```
        print("ALARM DETECT: high temperature...")
```

```
    elif(temperature<30 and humidity<60):
```

```
        print("ALARM OFF: normal temperature...")
```

```
        break
```

```
Python 3.5.1 Shell
File Edit Shell Debug Options Window Help
Python 3.5.1 (v3.5.1:37a07cee5969, Dec 6 2015, 01:54:25) [MSC v.1900 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
  RESTART: C:\Users\Admin\AppData\Local\Programs\Python\Python35\assignment(1).py
ALARM DETECT: high temperature...
ALARM OFF: normal temperature...
>>> |
```