

**Assignment -2**  
Python Programming


Assignment Date	27 September 2022
Student Name	S.VINOTH
Student Roll Number	821219106003
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.

**Solution:**

```
a=int(input("enter temperature"))
b=int(input("enter humidity"))
if a>40:
    if b>80:
        print("alert detected")
    else:
        print("high humidity")
elif a==40:
    print("temp max reached")
else:
    print("all good")
```



The screenshot shows a Windows desktop environment with a taskbar at the bottom. The active window is titled "Python 3.8.0 Shell". The shell displays the following text:

```
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:21:23) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\Satellite\Desktop\python assingment\python.py =====
enter temperature35
enter humidity50
all good
>>> |
```

The taskbar at the bottom shows various application icons and a system tray on the right indicating the time as 12:18 PM on 9/27/2022.