ASSIGNMENT -2

BUILD A PYTHON CODE

Assignment date	28 September 2022
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Maximum mark	2 mark

QUESTION - 2

Build a python code. Assume you get temperature and humidity values and write a
 condition to continuously detect alarm in case of high temperature

SOLUTION:

CODE:

```
#Temperature and humidity sensing alarm

import random

while(True):

a=random.randint(10,100)

b=random.randint(10,100)

if(a>35 and b>60):

print("High Temperature and humidity of:",a,b,"%","Alarm is ON")

elif(a<35 and b<60):

print("High Temperature and humidity of:", a, b, "%", "Alarm is OFF")
break
```

OUTPUT:

OnlineGDB beta

online compiler and debugger for c/c++

code. compile. run. debug. share.

▶ Run   ⊙ Debug   ■ Stop   ⟳ Share

main.py

```python
1  import random
2  while(True):
3      a=random.randint(10,100)
4      b=random.randint(10,100)
5      if(a>35 and b>60):
6          print("High Temperature and hu
7      elif(a<35 and b<60):
8          print("High Temperature and hu
9          break
```

```
High Temperature and humidity of: 95 67 % A
High Temperature and humidity of: 19 25 % A


...Program finished with exit code 0
Press ENTER to exit console.
```