**Code and Screenshot:**

Python Code:

'''

Assignment 2:

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

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'''

import random

temperature=random.randint(1,100)

humidity=random.randint(1,100)

print(temperature)

print(humidity)

if((temperature<50) & (humidity<40)):

print("temperature is normal")

print("humdity is normal")

print("alarm off")

elif((temperature<50)&(humidity >40)):

print("temperature is low")

print("humdity is high")

print("alarm off")

elif((temperature>60)&(humidity <40)):

print("temperature is high")

print("humdity is high")

print("alarm on")

elif((temperature>60)&(humidity >40)):

print("temperature is high")

print("humdity is low")

print("alarm on")

else:

print("temperature is very low")

print("humidity is low")

print("alarm off")

**Output for code:**

10

98

temperature is low

humidity is high

alarm off

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