NALAIYA THIRAN

ASSIGNMENT-2

USER CASE: PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT

BY TEAM MEMBER 3: KAMAL RAJ.R

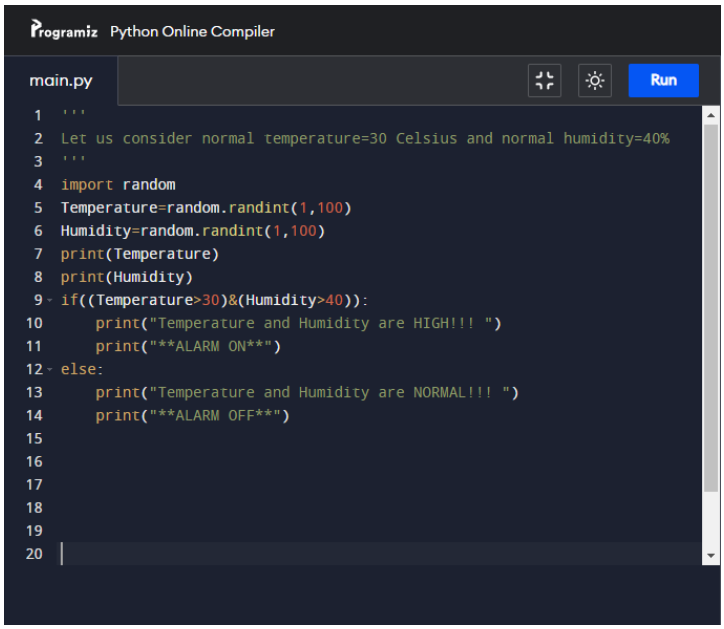
Build a python code, Assume you get temperature and humidity values (generated with random functions to a variable) and write a condition to continuously detect alarm in case of high temperature

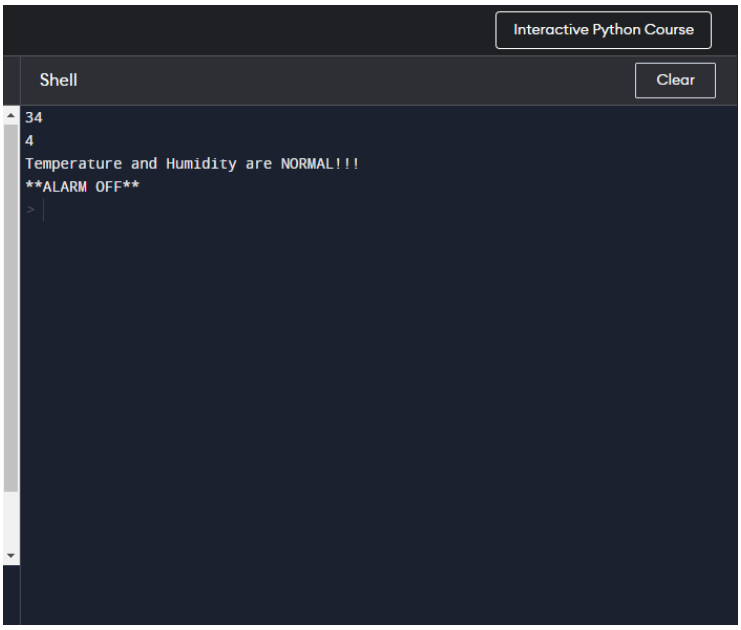
CODE:

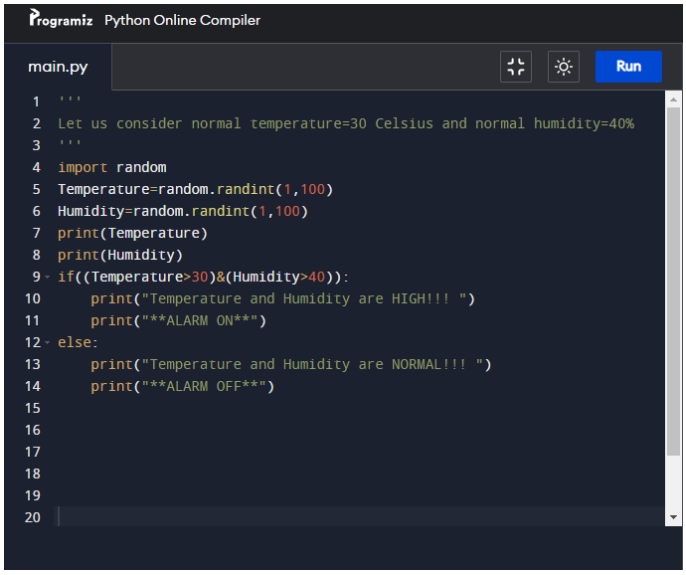
"Let us consider normal temperature=30 Celsius and normal humidity=40%"

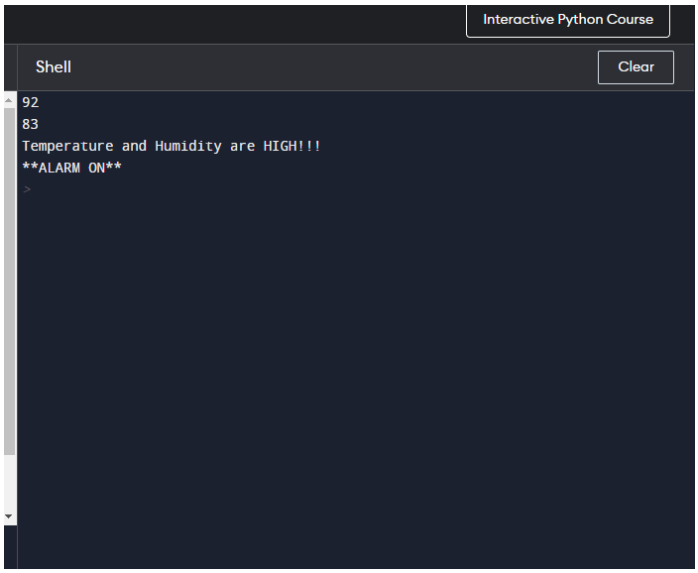
```
import random
Temperature=random.randint(1,100)
Humidity=random.randint(1,100)
print(Temperature)
print(Humidity)
if((Temperature>30)&(Humidity>40)):
   print("Temperature and Humidity are HIGH!!! ")
   print("**ALARM ON**")
else:
   print("Temperature and Humidity are NORMAL!!! ")
   print("**ALARM OFF**")
```

OUTPUT:




Interactive Python Course
Shell
Clear
34
4
Temperature and Humidity are NORMAL!!!
ALARM OFF


Programiz Python Online Compiler
main.py
Run
'''
Let us consider normal temperature=30 Celsius and normal humidity=40%
'''
import random
Temperature=random.randint(1,100)
Humidity=random.randint(1,100)
print(Temperature)
print(Humidity)
if((Temperature>30)&(Humidity>40)):
print("Temperature and Humidity are HIGH!!! ")
print("**ALARM ON**")
else:
print("Temperature and Humidity are NORMAL!!! ")
print("**ALARM OFF**")


Interactive Python Course
Shell
Clear
92
83
Temperature and Humidity are HIGH!!!
ALARM ON