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NAME : A.K.V HARIHARAN
ROLL NO :2019PECEC414
ASSIGNMENT - 2
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```python
"""Build a python code,assume u get temperature and Humidity valuses (generated with
random function to a variable) and write a condition to continuosly detect alarm in case
of high temperature"""

import random
import time
while(1):
    temperature=random.randint(0,200) #TO GENERATE RANDOM NUMBER FOR
TEMPERATURE
    print("Temperature="+str(temperature)+"°F")
    print("Temperature in celcius : "+str(((temperature-32)*5)//9)+"°C")
  if(temperature>50): #IF TEMPERATURE GOES HIGH THEN ALARM IS ON
        print("Temperature is too high")
        print("The Alarm is ON")
    else:  #TEMPERATURE VALUE GOES NORMAL THEN ALARM IS OFF
        print("Temperature is normal")
        print("The Alaram is OFF")

        humidity=random.randint(0,100)  #TO GENERATE RANDOM NUMER FOR
HUMIDITY
        print("Humidity="+str(humidity)+"%")

        if(humidity<50):
           print("Humidity is less tha 50")
        else:
            print("Humidity is greater than 50")

            time.sleep(2)
```

Temperature in celcius :
Temperature is too high
The Alarm is ON
Temperature=69°F
Temperature in celcius : 2
Temperature is too high
The Alarm is ON
Temperature=66°F
Temperature in celcius : 1
Temperature is too high
The Alarm is ON
Temperature=191°F
Temperature in celcius : 8
Temperature is too high
The Alarm is ON
Temperature=66°F
Temperature in celcius : 1
Temperature is too high
The Alarm is ON
Temperature=90°F
Temperature in celcius : 3
Temperature is too high
The Alarm is ON
Temperature=141°F
Temperature in celcius : 6
Temperature is too high
The Alarm is ON
Temperature=90°F
Temperature in celcius : 3
Temperature is too high
The Alarm is ON
Temperature=176°F
Temperature in celcius : 8
Temperature is too high
The Alarm is ON
Temperature=3°F
Temperature in celcius : -
Temperature is normal
The Alaram is OFF
Humidity=55%
Humidity is greater than 5